

Product Catalogue

We specialize in Electronic Locking Products and Access Control Systems

2023

GEM®

ABOUT GEM[®]

Gianni Industries, Inc.

Gianni Industries, Inc. (GEM[®]) is one of the world's leading manufacturers in providing top quality access control products. GEM[®] was established in 1992 in Taiwan and specializes in electromagnets and electric strikes for a wide range of applications.

With distribution outlets in over 70 countries worldwide, GEM[®] helps customers navigate their toughest security challenges and differentiate themselves by providing innovative and reliable solutions. Our commitment to quality and customer service has been recognized by well-known institutions around the world. GEM[®] products have been widely used in international airport buildings, such as Amsterdam Airport Schiphol, Birmingham International Airport, Sydney Airport, Melbourne Airport, and Bangkok Airport.

We are among a handful of manufactures to receive the CE and UL certifications, as well as patents in over 30 countries including USA, Germany, UK, France and Australia. We help advocate for and raise security standards in markets around the world.

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GIANNI INDUSTRIES, INC.

ELECTROMAGNETIC LOCKS & BRACKETS

ELECTROMAGNETIC LOCKS

Indoor Standard Series

Standard Electromagnetic Locks				
	10001	10002	10010-254	10020-254
Model				
Voltage	12/24 VDC Field selectable	12/24 VDC Field selectable	12/24 VDC Field selectable	12/24 VDC Field selectable
Current Draw	500 mA/12 VDC 250 mA/24 VDC	500 mA/12 VDC 270 mA/24 VDC	500 mA/12 VDC 250 mA/24 VDC	500 mA/12 VDC 270 mA/24 VDC
Holding Force (LB)	600	600	1200	1200
Dimensions (L x W x D)	9 13/16" x 1 11/16" x 1" 250 x 42.5 x 25 mm	9 13/16" x 1 11/16" x 1" 250 x 42.5 x 25 mm	10" x 2 5/8" x 1 9/16" 254 x 67 x 40 mm	10" x 2 5/8" x 1 9/16" 254 x 67 x 40 mm
Finish	Aluminum anodized (US28)	Aluminum anodized (US28)	Aluminum anodized (US28)	Aluminum anodized (US28)
Bond Sensor	No	Yes	No	Yes
Optional Features	—	M, DS, TD	—	M, DS, TD
Certifications	UL 294, UL 1034, UL 864	UL 294	UL 294, UL 1034, UL 864	UL 294

M: Bond sensor & Bi-color status LED indicator **DS:** Door status sensor

TD: Relock time delay **BZ:** Door held open alarm

ELECTROMAGNETIC LOCKS

Indoor Standard Series

Standard Electromagnetic Locks				
Model	10004	10005	10040-254	10060-254
				
Voltage	12/24 VDC Field selectable	12/24 VDC Field selectable	12/24 VDC Field selectable	12/24 VDC Field selectable
Current Draw	500 mA/12 VDC 250 mA/24 VDC	500 mA/12 VDC 270 mA/24 VDC	500 mA/12 VDC 270 mA/24 VDC	500 mA/12 VDC 250 mA/24 VDC
Holding Force (LB)	600 x2	600 x2	1200 x2	1200 x2
Dimensions (L x W x D)	19 11/16" x 1 11/16" x 1" 500 x 42.5 x 25 mm	19 11/16" x 1 11/16" x 1" 500 x 42.5 x 25 mm	21" x 2 5/8" x 1 9/16" 533 x 67 x 40 mm	21" x 2 5/8" x 1 9/16" 533 x 67 x 40 mm
Finish	Aluminum anodized (US28)	Aluminum anodized (US28)	Aluminum anodized (US28)	Aluminum anodized (US28)
Bond Sensor	No	Yes	Yes	No
Optional Features	—	M, DS, TD	M, DS, TD	—
Certifications	UL 294	UL 294	UL 294	UL 294

M: Bond sensor & Bi-color status LED indicator **DS:** Door status sensor

TD: Relock time delay **BZ:** Door held open alarm

ELECTROMAGNETIC LOCKS

Indoor GEM Series

New Style Mounting Plate Design							
	GEM-300	GEM-600	GEM-800	GEM-1200	GEM-D600	GEM-D800	GEM-D1200
Model							
Voltage	12/24 VDC Auto selectable	12/24 VDC Auto selectable	12/24 VDC Auto selectable	12/24 VDC Auto selectable	12/24 VDC Auto selectable	12/24 VDC Auto selectable	12/24 VDC Auto selectable
Current Draw	500 mA/12 VDC 250 mA/24 VDC	500 mA/12 VDC 250 mA/24 VDC	500 mA/12 VDC 250 mA/24 VDC	500 mA/12 VDC 250 mA/24 VDC	500 mA/12 VDC 250 mA/24 VDC	500 mA/12 VDC 250 mA/24 VDC	500 mA/12 VDC 250 mA/24 VDC
Holding Force (LB)	300	600	800	1200	600 x2	800 x2	1200 x2
Dimensions (L x W x D)	7 7/8" x 1 7/16" x 7/8" 200 x 36 x 22.2 mm	9 13/16" x 1 3/4" x 1" 250 x 44 x 26 mm	10 7/16" x 1 15/16" x 1 1/8" 265 x 49 x 29 mm	10 1/2" x 2 11/16" x 1 9/16" 267 x 68 x 40 mm	19 11/16" x 1 3/4" x 1" 500 x 44 x 26 mm	20 7/8" x 1 15/16" x 1 1/8" 530 x 49 x 29 mm	21" x 2 11/16" x 1 9/16" 534 x 68 x 40 mm
Finish	Aluminum anodized (US28)	Aluminum anodized (US28)	Aluminum anodized (US28)	Aluminum anodized (US28)	Aluminum anodized (US28)	Aluminum anodized (US28)	Aluminum anodized (US28)
Optional Features	M	M, TD, DS	M, TD, DS, LD, BZ	M, TD, DS, LD, BZ	M, TD, DS	M, TD, BZ	M, TD, DS, BZ
Certifications	NF S 61-937	UL 10B, UL 10C, ULC S104, NF S 61-937	UL 10B, UL 10C, ULC S104, NF S 61-937	UL 10B, UL 10C, ULC S104, NF S 61-937	UL 10B, UL 10C, ULC S104	UL 10B, UL 10C, ULC S104	UL 10B, UL 10C, ULC S104

M: Bond sensor & Bi-color status LED indicator **DS:** Door status sensor

TD: Relock time delay **BZ:** Door held open alarm **LD:** Large LED & Reset input

ELECTROMAGNETIC LOCKS

Indoor NH Series

Slide-in Mounting Plate Design

	EM-NH300	EM-NH350	EM-NH500	EM-NH2300	EM-NH2350	EM-NH2500
Model						
Voltage	12/24 VDC Field selectable	12/24 VDC Field selectable	12/24 VDC Field selectable	12/24 VDC Field selectable	12/24 VDC Field selectable	12/24 VDC Field selectable
Current Draw	500 mA/12 VDC 250 mA/24 VDC	500 mA/12 VDC 250 mA/24 VDC	500 mA/12 VDC 250 mA/24 VDC	500 mA/12 VDC 250 mA/24 VDC	500 mA/12 VDC 250 mA/24 VDC	500 mA/12 VDC 250 mA/24 VDC
Holding Force (LB)	600	800	1200	600 x2	800 x2	1200 x2
Dimensions (L x W x D)	9 13/16" x 1 13/16" x 1" 250 x 45.5 x 25 mm	10 7/16" x 2 1/16" x 1 1/8" 265 x 52 x 29 mm	10 1/2" x 2 13/16" x 1 9/16" 267 x 71 x 40 mm	19 11/16" x 1 13/16" x 1" 500 x 45.5 x 25 mm	20 7/8" x 2 1/16" x 1 1/8" 530 x 52 x 29 mm	21" x 2 13/16" x 1 9/16" 533 x 71 x 40 mm
Finish	Aluminum anodized (US28)	Aluminum anodized (US28)	Aluminum anodized (US28)	Aluminum anodized (US28)	Aluminum anodized (US28)	Aluminum anodized (US28)
Optional Features	M, DS, TD	M, DS	M, DS, TD, BZ	M, DS, TD	M, DS, TD	M, DS, TD, BZ
UL Certifications	UL 10B, UL 10C, ULC S104	UL 10B, UL 10C, ULC S104	UL 10B, UL 10C, ULC S104	UL 10B, UL 10C, ULC S104	UL 10B, UL 10C, ULC S104	UL 10B, UL 10C, ULC S104

M: Bond sensor & Bi-color status LED indicator **DS:** Door status sensor **TD:** Relock time delay **BZ:** Door held open alarm

ELECTROMAGNETIC LOCKS

Indoor PH Series

Magnetic Lock with Pull Handle					
	PH-450	PH-500	PH-750	PH-760	PH-900
Model					
Voltage	12/24 VDC Field selectable	12/24 VDC Field selectable	12/24 VDC Field selectable		12/24 VDC Field selectable
Current Draw	500 mA/12 VDC 250 mA/24 VDC	500 mA/12 VDC 250 mA/24 VDC	500 mA/12 VDC 250 mA/24 VDC		500 mA/12 VDC 250 mA/24 VDC
Holding Force (LB)	600	600	600 x2		600 x2
Dimensions (L x W x D)	4 7/8" x 1 7/8" x 1 1/8" 324 x 48 x 29 mm	4 7/8" x 1 7/8" x 1 1/8" 324 x 48 x 29 mm	4 7/8" x 1 7/8" x 1 1/8" 734 x 29 x 29 mm		97 13/16" x 1 7/8" x 1 1/8" 2484 x 48 x 29 mm
Finish	Aluminum anodized (US28)	Aluminum anodized (US28)	Aluminum anodized (US28)		Aluminum anodized (US28)
Optional Features	M, DS, TD	M, TD, Bi-color LED	M, DS, TD, Bi-color LED (PH-750 Only)		M, DS, TD
Exit Button	No	Yes	Yes	No	No

M: Bond sensor **TD:** Relock time delay **DS:** Door status sensor

ELECTROMAGNETIC LOCKS

Indoor FDH Series

Full Length Housing			
	Single Door	Double Door	Single Door (For high ceiling door application)
Door Type			
Voltage	12/24 VDC Field selectable	12/24 VDC Field selectable	12/24 VDC Field selectable
Current Draw	500 mA/12 VDC 250 mA/24 VDC	500 mA/12 VDC 250 mA/24 VDC	500 mA/12 VDC 250 mA/24 VDC
Holding Force (LB)	FDH-M39M, FDH-M45M 800 FDH-L45M 1200	FDH-M90M 800 x2 FDH-L90M 1200 x2	FDH-M96M 800 x2 FDH-L96M 1200 x2
Full Length	FDH-M39M 38 3/8" (1000 mm) FDH-M45M 45" (1143mm) FDH-L45M 45" (1143mm)	FDH-M90M 90" (2286mm) FDH-L90M 90" (2286mm)	FDH-M96M 96" (2438mm) FDH-L96M 96" (2438mm)
Finish	Aluminum anodized (US28)	Aluminum anodized (US28)	Aluminum anodized (US28)
Configuration	Horizontal	Double Horizontal	Vertical
Bond Sensor	Yes	Yes	Yes
Optional Features	DS, TD, DT, DT-LD	DS, TD, DT, DT-LD	DS, TD, DT, DT-LD

DS: Door status sensor **TD:** Relock time delay **DT:** Door status sensor & Relock time delay **DT-LD:** Door status sensor & Relock time delay & LED indication

*Models with suffix M in the model number include a bond sensor.

ELECTROMAGNETIC LOCKS

Mortise Series

Concealed Magnetic Locks for Sliding Doors			
	10003M	10000	10000ST
Model			
Voltage	12VDC, 24 VDC	12/24 VDC Field selectable	12/24 VDC Field selectable
Current Draw	300 mA/12 VDC 250 mA/24 VDC	500 mA/12 VDC 250 mA/24 VDC	500 mA/12 VDC 250 mA/24 VDC
Holding Force (LB)	300	600	600
Dimensions (L x W x D)	7 7/8" x 1 1/4" x 15/16" 200 x 32 x 24 mm	9 1/16" x 1 1/2" x 1 1/16" 230 x 38 x 27 mm	8 15/16" x 1 1/2" x 1" 227 x 38 x 26 mm
Finish	Brushed stainless steel (US32D)	Aluminum anodized (US28)	Brushed stainless steel (US32D)
Bond Sensor Model	10003M-R Output NO/COM	10000R Output NO/COM/NC	10000STR Output NO/COM/NC
Optional Armature Bracket	No	AMB-300	AMB-300

ELECTROMAGNETIC LOCKS

Weatherproof Series (Face Mount)

For Indoor/Outdoor Security			
Model	GL-80F 	10003F 	GL600-F 
Voltage	12 VDC, 24 VDC Dual 12/24 VDC	12 VDC, 24 VDC	12 VDC, 24 VDC Dual 12/24 VDC
Current Draw	120mA/12VDC 60mA/24VDC	300 mA/12 VDC 260 mA/24 VDC	500 mA/12 VDC 250 mA/24 VDC
Holding Force (LB)	80	300	600
Dimensions (L x W x D)	2 3/4" x 1 1/2" x 1" 70 x 38 x 26 mm	6 11/16" x 1 1/4" x 15/16" 170 x 32 x 23.7 mm	8" x 1 11/16" x 1 9/16" 203 x 43.5 x 40 mm
Finish	Brushed stainless steel (US32D)	Brushed stainless steel (US32D)	Brushed stainless steel (US32D)
Optional Features	R	R	M
UL Certifications	—	—	UL 10B, UL 10C, ULC S104

* **M**: Bond sensor (Output NO/COM/NC), **R**: Bond sensor (Output NO/COM).

ELECTROMAGNETIC LOCKS

Weatherproof Series (Face Mount)

For Indoor/Outdoor Security			
	GL850	GL-1200F	GL-1800F-IOTB
Model			
Voltage	12 VDC, 24 VDC Dual 12/24 VDC	12 VDC, 24 VDC Dual 12/24 VDC	Dual 12/24 VDC
Current Draw	500 mA/12 VDC 250 mA/24 VDC (For dual voltage)	500 mA/12 VDC 250 mA/24 VDC (For dual voltage)	500 mA/12 VDC 250 mA/24 VDC
Holding Force (LB)	800	1200	1800
Dimensions (L x W x D)	9 1/8" x 1 3/4" x 1 3/16" 232 x 45 x 30 mm	8" x 2 1/2" x 1 5/8"D 203 x 63 x 41 mm	11 3/16" x 2 13/16" x 1 7/8" 284 x 72 x 47.5 mm
Finish	Brushed stainless steel (US32D)	Brushed stainless steel (US32D)	Brushed stainless steel (US32D)
Optional Features	M	—	—
Certifications	—	IPX7 UL 10B, UL 10C, ULC S104	—

* **M:** Bond sensor (Output NO/COM/NC). Model GL-1800FM-IOTB-12 has a 12 VDC input and also includes a bond sensor.

ELECTROMAGNETIC LOCKS

Weatherproof Series (Surface Mount)

For Indoor/Outdoor Security					
Model	10003S	10006S	N10001ST	10010ST	N10010ST
					
Voltage	12 VDC, 24 VDC	12 VDC, 24 VDC, Dual 12/24 VDC	12 VDC, 24 VDC, Dual 12/24 VDC	12 VDC, 24 VDC, Dual 12/24 VDC	12 VDC, 24 VDC, Dual 12/24 VDC
Current Draw	300 mA/12 VDC 260 mA/24 VDC	500 mA/12 VDC 250 mA/24 VDC (For dual voltage)	500 mA/12 VDC 250 mA/24 VDC (For dual voltage)	500 mA/12 VDC 250 mA/24 VDC (For dual voltage)	500 mA/12 VDC 250 mA/24 VDC (For dual voltage)
Holding Force (LB)	300	800	600	1200	1200
Dimensions (L x W x D)	6 11/16"x 1 1/4"x 15/16" 170 x 32 x 23.7 mm	8 1/2"x 2 1/16"x 1 1/4" 216 x 53 x 32 mm	8 9/16"x 1 3/4"x 1 1/16" 218 x 44 x 27.5 mm	8 11/16"x 2 11/16"x 1 5/8" 220 x 68 x 42 mm	8 11/16"x 2 7/16"x 1 9/16" 220 x 62 x 40.5 mm
Finish	Brushed stainless steel (US32D)	Brushed stainless steel (US32D)	Brushed stainless steel (US32D)	Brushed stainless steel (US32D)	Brushed stainless steel (US32D)
Optional Features	R, DS	M	M	—	M
UL Certifications	—	—	UL 10B, UL 10C, ULC S104	—	UL 10B, UL 10C, ULC S104

* M: Bond sensor (Output NO/COM/NC)

ELECTROMAGNETIC LOCKS

Weatherproof Series (Surface Mount)

For Indoor/Outdoor Security			
	GL600-S	GL-1200S	GL-1800S
Model			
Voltage	12 VDC, 24 VDC, Dual 12/24 VDC	12 VDC, 24 VDC, Dual 12/24 VDC	Dual 12/24 VDC
Current Draw	500 mA/12 VDC 250 mA/24 VDC	500 mA/12 VDC 250 mA/24 VDC (For dual voltage)	500 mA/12 VDC 250 mA/24 VDC
Holding Force (LB)	600	1200	1800
Dimensions (L x W x D)	8"x 1 11/16"x 1 6/16" 203 x 43.5 x 40 mm	8 11/16"x 2 11/16"x 1 5/8" 220 x 68 x 42 mm	11 3/16"x 2 3/4"x 1 7/8" 284 x 70 x 47.5 mm
Finish	Brushed stainless steel (US32D)	Brushed stainless steel (US32D)	Brushed stainless steel (US32D)
Optional Features	—	M	M
UL Certifications	UL 10B, UL 10C, ULC S104	UL 10B, UL 10C, ULC S104	—

* **M**: Bond sensor (Output NO/COM/NC), **R**: Bond sensor (Output NO/COM), **DS**: Door status sensor.

ELECTROMAGNETIC LOCKS

Weatherproof Series (Surface/Face Mount)

For Indoor/Outdoor Security			
	EM-750-2	GL600-FS-IOTB	GL1200-FS-IOTB
Model			
Voltage	12 VDC, 24 VDC, Dual 12/24 VDC	12 VDC, 24 VDC, Dual 12/24 VDC	12 VDC, 24 VDC, Dual 12/24 VDC
Current Draw	500 mA/12 VDC 250 mA/24 VDC	500 mA/12 VDC 250 mA/24 VDC	500 mA/12 VDC 250 mA/24 VDC
Holding Force (LB)	800	600	1200
Dimensions (L x W x D)	9 1/16"x 1 13/16"x 1 3/16" 230 x 46 x 30 mm	8"x 1 11/16"x 1 9/16" 203 x 43.5 x 40 mm	8 11/16"x 2 7/16"x 1 9/16" 220 x 62 x 40.5 mm
Finish	Brushed stainless steel (US32D)	Brushed stainless steel (US32D)	Brushed stainless steel (US32D)
Optional Features	—	M	M
UL Certifications	—	UL 10B, UL 10C, ULC S104	UL 10B, UL 10C, ULC S104

* M: Bond sensor (Output NO/COM/NC)

L-BRACKETS

L-Brackets (For Narrow Frames / Outswing Doors)

	For 300LB Lock		For 600LB Lock				
	L-150	L-GEM-300	L-GL600-AL	L-N10001ST	L-GEM-600	L-NH300	L-300 NEW
Bracket Model							
Compatible Lock	10003S	GEM-300	GL600-S	N10001ST	GEM-600	EM-NH300	10001/10002
	For 800LB Lock				For 1200LB Lock		
	L-400	L-750	L-GEM-800	L-NH350M	L-GEM-1200	L-NH500	L-500 NEW
Bracket Model							
Compatible Lock	10006S	EM-750	GEM-800	EM-NH350	GEM-1200	EM-NH500	10020-254
	For 1200LB Lock					For 1800LB Lock	
	L-600	L-1200	L-N10010ST	L-GL1200FS-IOTB	L-GL1800		
Bracket Model							
Compatible Lock	10010ST, GL-1200	GL-1200F	N10010ST	GL-1200FS-IOTB	GL-1800S		

L-BRACKETS & SPECIAL L-BRACKETS

L-Brackets (For Narrow Frames / Outswing Doors)

	For 600LB Lock (Double)		For 800LB Lock (Double)		For 1200LB Lock (Double)	
Bracket Model	L-GEM-D600	L-NH2300	L-GEM-D800	L-NH2350M	L-GEM-D1200	L-NH2500
						
Compatible Lock	GEM-D600	EM-NH2300	GEM-D800	EM-NH2350	GEM-D1200	EM-NH2500

Special L-Brackets (For Narrow Frames / Outswing Doors)

	For 600LB Lock				For 600LB Lock (Double)	
Bracket Model	L-GL600	L-GEM-600AU	L-NH300AU	NEW EM-10001L	L-GEM-D600AU	
						
Compatible Lock	GL600-S, GL600-FS-IOTB	GEM-600	EM-NH300	10001/10002	GEM-D600	
	For 800LB Lock		For 800LB Lock (Double)	For 1200LB Lock		For 1200LB Lock (Double)
Bracket Model	L-GEM-800AU	L-NH350AU	L-GEM-D800AU	L-GEM-1200AU	L-NH500AU	L-GEM-D1200AU
						
Compatible Lock	GEM-800	EM-NH350	GEM-D800	GEM-1200	EM-NH500	GEM-D1200

LZ-BRACKETS

LZ-Brackets (For Inswing Doors)

	For 300LB Lock		For 600LB Lock				
Bracket Model	LZ-150	LZ-GEM-300	LZ-GL600	LZ-N10001ST	LZ-GEM-600	LZ-NH300N	LZ-300N
							
Compatible Lock	10003S	GEM-300	GL600-S	N10001ST	GEM-600	EM-NH300	10001/10002
	For 800LB Lock				For 1200LB Lock		
Bracket Model	LZ-400N	LZ-750	LZ-GEM-800	LZ-NH350N	LZ-GEM-1200	LZ-NH500N	LZ-500N
							
Compatible Lock	10006S	EM-750	GEM-800	EM-NH350	GEM-1200	EM-NH500	10020-254
	For 1200LB Lock					For 1800LB Lock	
Bracket Model	LZ-600N	LZ-N10010ST		LZ-GL1200FS-IOTB		LZ-GL1800	
							
Compatible Lock	10010ST, GL-1200S	N10010ST		GL-1200FS-IOTB		GL-1800S	

LZ-BRACKETS & SPECIAL LZ-BRACKETS

LZ-Brrackets (For Inswing Doors)

	For 600LB Lock (Double)		For 800LB Lock (Double)		For 1200LB Lock (Double)	
Bracket Model	LZ-GEM-D600	LZ-NH2300N	LZ-GEM-D800	LZ-NH2350N	LZ-GEM-D1200	LZ-NH2500N
						
Compatible Lock	GEM-D600	EM-NH2300	GEM-D800	EM-NH2350	GEM-D1200	EM-NH2500

Special LZ-Brackets (For Inswing Doors)

	For 600LB Lock			For 600LB Lock (Double)	
Bracket Model	LZ-GEM-600AU	LZ-NH300NAU	NEW EM-10001LZ	LZ-GEM-D600AU	LZ-NH2300NAU
					
Compatible Lock	GEM-600	EM-NH300	10001/10002	GEM-D600	EN-NH2300
	For 800LB Lock	For 800LB Lock (Double)	For 1200LB Lock		For 1200LB Lock (Double)
Bracket Model	LZ-GEM-800AU	LZ-GEM-D800AU	LZ-GEM-1200AU	LZ-NH500NAU	LZ-GEM-D1200AU
					
Compatible Lock	GEM-800	GEM-D800	GEM-1200	EM-NH500	GEM-D1200

Z-BRACKETS & U-BRACKETS

Z-Brackets (For Inswing Doors)							
	For 300LB Lock	For 600LB Lock			For 800LB Lock		For 1200LB Lock
Bracket Model	Z-150	Z-GL600	Z-GEM-600	Z-GL600	Z-300N	Z-GEM-800	Z-500N
							
Compatible Lock	10003F	GL600-F	GEM-600	GL-600F, GL600-FS-IOTB	GL850	GEM-800	GL-1200F, GL-1200F-IOTB
U-Brackets (For Full Glass Doors)							
	For 300LB Lock		For 600LB Lock			For 600/800LB Lock	
Bracket Model	GLZ-150-10	GLZ-150-12	UBK-600G-Z	UBK-600N-Z	UBK-600-Z	UBK-013	UBK-013DS
							
Compatible Lock	10003F, 10003S	10003F, 10003S	GEM-600	EM-NH300	10001	600 or 800LB lock except GL600-F & GL850	600LB lock with DS option
U-Brackets (For Frameless Glass Doors & Walls)							
For 600LB Lock							
Bracket Model	UBK-600G-L	UBK-600G-LZ	UBK-600N-L	UBK-600N-LZ	UBK-600-L	UBK-600-LZ	
							
Compatible Lock	GEM-600	GEM-600	EM-NH300	EM-NH300	10001	10001	

ARMATURE MOUNTING ACCESSORIES

Armature Housing					
Model	GE-320S-DS	GE-320M-DS	GE-320L-DS	GE-330S-DS	GE-330L-DS
					
Compatible Lock	600LB lock with DS option	800LB lock with DS option	1200LB lock with DS option	600LB lock with DS option	1200LB lock with DS option
Dimensions (mm)	214 x 44 x 16	214 x 51 x 18	214 x 67 x 20	214 x 54.5 x 15	214 x 76.5 x 15
Finish	Plastic ABS	Plastic ABS	Plastic ABS	Aluminum alloy	Aluminum alloy
Door Type	Wooden, Hollow metal	Wooden, Hollow metal	Wooden, Hollow metal	Wooden, Hollow metal	Wooden, Hollow metal

Armature Spacer			Armature Bracket
Model	300BP	500BP	TB-400
			
Compatible Lock	600LB lock	1200LB lock	600 or 800LB lock
Dimensions (mm)	185.5 x 38.5 x 6.5	191 x 63.5 x 9.5	190 x 53 x 36
Finish	Aluminum, Silver	Aluminum, Silver	Aluminum, Silver
Door Type	Wooden, Thick	Wooden, Thick	Sliding (For special application)



GIANNI INDUSTRIES, INC.

ELECTRIC STRIKES

ELECTRIC STRIKES

For European style cylindrical lever

Fail-Secure Preload					
Model	GK140	GK145	GK231	GK233	GK236
					
Voltage	12 VDC, 24 VDC	12 VDC, 24 VDC	12 VDC, 24 VDC	12 VDC, 24 VDC	12 VDC, 24 VDC
Latch Throw	15 mm	11 mm	15 mm	11 mm	11 mm
Mode	Fail-Secure	Fail-Secure	Fail-Safe	Fail-Safe	Fail-Safe
Preload Capability	200 lbs (91 kg)	200 lbs (91kg)	500 lbs (227 kg)	500 lbs (227 kg)	500 lbs (227 kg)
Static Strength	1,200 lbs (544 kg)	1,000 lbs (454 kg)	1,500 lbs (680 kg)	1,500 lbs (680 kg)	1,500 lbs (680 kg)
Adjustable Keeper	No	Yes	No	Yes	Yes
Monitoring	GK140M (Door status /Latch monitor)	GK145M (Door status/Latch monitor)	GK231M (Lock status, Door status)	GK233M (Lock status, Door status)	GK236M (Lock status)
Locksets	Cylindrical knob/lever European latch	Cylindrical knob/lever European latch	Cylindrical knob/lever European latch	Cylindrical knob/lever European latch	Cylindrical knob/lever European latch
Handing	Left (L) or Right (R)	Left (L) or Right (R)	Left (L) or Right (R)	Left (L) or Right (R)	Left (L) or Right (R)
Construction	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Fire Resistance Testing	BSEN 1634-1: 2014	BSEN 1634-1: 2014	BSEN 1634-1: 2014 & BSEN 1363-1: 2012 NF S 61-937	NF S 61-937	—
Faceplate Options	Round/Square corner	Round/Square corner	Round/Square corner	Round/Square corner	Round/Square corner W/ Wo deadbolt

ELECTRIC STRIKES

GK300 Series

ANSI Strikes for Residential and Business				
Model	GK300	GK301	GK310	GK311
				
Voltage	12 VDC, 24VDC, Dual 12/24 VDC	12 VDC, 24VDC, Dual 12/24 VDC	12 VDC, 24VDC, Dual 12/24 VDC	12 VDC, 24VDC, Dual 12/24 VDC
Latch Throw	9/16" (15 mm)	9/16" (15 mm)	9/16" (15 mm)	9/16" (15 mm)
Mode	Reversible Fail-Safe/Fail-Secure	Reversible Fail-Safe/Fail-Secure	Reversible Fail-Safe/Fail-Secure	Reversible Fail-Safe/Fail-Secure
Static Strength	1,000 lbs (454 kg)	1,000 lbs (454 kg)	1,000 lbs (454 kg)	1,000 lbs (454 kg)
Dynamic Strength	50 ft-lbs	50 ft-lbs	50 ft-lbs	50 ft-lbs
Endurance (Cycles)	UL test : 250,000 Factory test : 1 million	UL test : 250,000 Factory test : 1 million	UL test : 250,000 Factory test : 1 million	UL test : 250,000 Factory test : 1 million
Locksets	Cylindrical	Cylindrical	Cylindrical Mortise deadlatch	Cylindrical Mortise deadlatch
Finish	Brushed stainless steel (US32D)	Brushed stainless steel (US32D)	Brushed stainless steel (US32D)	Brushed stainless steel (US32D)
Construction	Zinc alloy	Zinc alloy	Zinc alloy	Zinc alloy
Frame	Hollow metal	Wood	Hollow metal	Wood
UL Certification	UL 1034, UL 294	UL 1034, UL 294	UL 1034, UL 294	UL 1034, UL 294
Optional Models	GK300M, GK300-ST, GK-300M-ST	GK301M, GK301-ST, GK301M-ST	GK310M, GK310-ST, GK310M-ST	GK311M, GK311-ST, GK311M-ST

* "M" suffix in the model number indicates latch status monitoring. "ST" suffix in the model number indicates stainless steel construction.

ELECTRIC STRIKES

GK200 Series

	ANSI Strikes for Residential and Business			For Gate Application	
Model	GK320	GK321	GK350	GK200	GK250
					
Voltage	12 VDC, 24VDC, Dual 12/24 VDC		12 VDC, 24VDC, Dual 12/24 VDC	8-16 VAC or 3-6 VDC, 12/24 VAC/VDC	8-16 VAC or 3-6 VDC, 12/24 VAC/VDC
Latch Throw	3/4" (19 mm)		9/16" (15 mm)	9/16" (15 mm)	1/2" (13mm)
Mode	Reversible Fail-Safe/Fail-Secure		Reversible Fail-Safe/Fail-Secure	Fail-Secure	Fail-Secure
Static Strength	1,000 lbs (454 kg)		1,200 lbs (544 kg)	1,000 lbs (454 kg)	1,000 lbs (454 kg)
Dynamic Strength	50 ft-lbs		—	—	—
Endurance (Cycles)	UL test : 250,000 Factory test : 1 million		Factory test : 1 million	Factory test: 250,000+	
Locksets	Cylindrical Mortise/ Mortise deadlatch		Night Latch (Rim Lockset)	Gate locks	
Finish	Brushed stainless steel (US32D)		Brushed stainless steel (US32D)	Silver, Brass	Brushed stainless steel
Construction	Zinc alloy		Aluminum alloy	One piece cast zinc alloy body	Stainless steel faceplate assembled with zinc alloy body
Frame	Hollow metal	Wood	Hollow metal Wood	Gate	Gate
Optional Models	GK320M	GK321M	GK350M	—	GK255 (Fail-Safe)
Faceplate Options	—	—	—	—	A. 4 7/8" x 1 1/4" (ANSI size) B. 3 1/8" x 1 1/8"

* "M" suffix in the model number indicates latch status monitoring. "ST" suffix in the model number indicates stainless steel construction.

ELECTRIC STRIKES

GK300 Series

ANSI Strikes for Residential and Business			
Model	GK360	GK361	GK370
			
Voltage	Dual 12/24 VDC	Dual 12/24 VDC	Dual 12/24 VDC
Latch Throw	3/4" (19 mm)	3/4" (19 mm)	9/16"(15mm)
Mode	Reversible Fail-Safe/Fail-Secure	Reversible Fail-Safe/Fail-Secure	Reversible Fail-Safe/Fail-Secure
Static Strength	2,000 lbs (907 kg)	2,000 lbs (907 kg)	1,500 lbs (680 kg)
Dynamic Strength	70 ft-lbs	70 ft-lbs	70 ft-lbs
Endurance (Cycles)	UL test : 250,000 Factory test : 1 million	UL test : 250,000 Factory test : 1 million	UL test : 250,000 Factory test : 1 million
Locksets	Cylindrical Mortise deadlatch	Cylindrical Mortise deadlatch	Cylindrical (features horizontal faceplate adjustment)
Finish	Brushed stainless steel (US32D)	Brushed stainless steel (US32D)	Brushed stainless steel (US32D)
Construction	Zinc Alloy	Zinc Alloy	Zinc Alloy
Frame	Hollow metal	Wood	Hollow metal
UL Certification	UL 10B/10C, UL 1034, UL 294	UL 10B/10C, UL 1034, UL 294	—
Optional Models	GK360-ST, GK360M, GK360M-ST	GK361M, GK361M-ST	GK370M, GK370-ST, GK371M, GK371M-ST

* "M" suffix in the model number indicates latch status monitoring. "ST" suffix in the model number indicates stainless steel construction.

ELECTRIC STRIKES

GK400 Series

ANSI Strikes for Residential and Business

	GK450	GK451	GK480	GK481	GK460	GK461
Model						
Voltage	Dual 12/24 VDC	Dual 12/24 VDC	Dual 12/24 VDC	Dual 12/24 VDC	Dual 12/24 VDC	Dual 12/24 VDC
Latch Throw	9/16" (15 mm)	9/16" (15 mm)	3/4" (19mm)	3/4" (19mm)	9/16" (15mm)	9/16" (15mm)
Mode	Reversible Fail-Safe/Fail-Secure	Reversible Fail-Safe/Fail-Secure	Reversible Fail-Safe/Fail-Secure	Reversible Fail-Safe/Fail-Secure	Reversible Fail-Safe/Fail-Secure	Reversible Fail-Safe/Fail-Secure
Static Strength	1,500 lbs (680kg)	1,500 lbs (680kg)	1,500 lbs (680kg)	1,500 lbs (680kg)	1,500 lbs (680kg)	1,500 lbs (680kg)
Dynamic Strength	70 ft-lbs	70 ft-lbs	70 ft-lbs	70 ft-lbs	70 ft-lbs	70 ft-lbs
Endurance (Cycles)	UL test : 250,000 Factory test : 1 million	UL test : 250,000 Factory test : 1 million	UL test : 250,000 Factory test : 1 million	UL test : 250,000 Factory test : 1 million	UL test : 250,000 Factory test : 1 million	UL test : 250,000 Factory test : 1 million
Locksets	Cylindrical	Cylindrical	Cylindrical	Cylindrical	Cylindrical	Cylindrical
Finish	Brushed stainless steel (US32D)	Brushed stainless steel (US32D)	Brushed stainless steel (US32D)	Brushed stainless steel (US32D)	Brushed stainless steel (US32D)	Brushed stainless steel (US32D)
Construction	Zinc alloy Stainless steel	Zinc alloy Stainless steel	Zinc alloy Stainless steel	Zinc alloy Stainless steel	Zinc alloy	Zinc alloy
Frame	Hollow metal	Wood	Hollow metal	Wood	Hollow metal	Wood
UL Certification	UL 1034, UL 294	UL 1034, UL 294	UL 1034, UL 294	UL 1034, UL 294	UL 1034, UL 294	UL 1034, UL 294
Optional Models	GK450M, GK450-ST GK450M-ST	GK451M, GK451-ST, GK451M-ST	GK480M, GK480-ST, GK480M-ST	GK481M, GK481-ST, GK481M-ST	GK460M	GK461M

* "M" suffix in the model number indicates latch status monitoring. "ST" suffix in the model number indicates stainless steel construction.

ELECTRIC STRIKES

GK500 Series (European)

Electric Strike Body Only (Strike with Hold-Open Function)

	GK500	GK510	GK515	GK525	GK545
Model					
Voltage	12 VDC, 24 VDC	12 VDC, 24 VDC	12 VDC, 24 VDC	12 VDC, 24 VDC	12 VDC, 24 VDC
Latch Throw (mm)	9	9	9	9	13
Mode	Fail-Safe	Fail-Secure	Fail-Secure	Fail-Secure	Fail-Secure
Static Strength	800 lbs (363 kg)	800 lbs (363 kg)	800 lbs (363 kg)	800 lbs (363 kg)	1,000 lbs (454 kg)
Endurance (Cycles)	1 million	1 million	1 million	1 million	1 million
Lockset	Night latch, Mortise, Cylindrical	Night latch, Mortise, Cylindrical	Night latch, Mortise, Cylindrical	Night latch, Mortise, Cylindrical	Night latch, Mortise, Cylindrical
Adjustable Keeper	Yes	Yes	Yes	Yes	No
Hold-Open Function	No	No	Internal hold-open	Internal hold-open Release lever for mechanical unlocking	Internal hold-open
Faceplate Finish	Brushed stainless steel, Grey powder coat	Brushed stainless steel, Grey powder coat	Brushed stainless steel, Grey powder coat	Brushed stainless steel, Grey powder coat	Brushed stainless steel, Grey powder coat
Construction	Zinc alloy	Zinc alloy	Zinc alloy	Zinc alloy	Zinc alloy
Optional Models	GK500M (Latch monitored)	GK510M (Latch monitored)	GK515M (Latch monitored)	GK520 (Release lever, No internal hold-open function)	GK530 (No hold-open function), GK530 (Fail-Safe, No hold-open function)
Faceplate Options	FP-GK160, FP-GK250, FP-GK106, FP-GK110	FP-GK160, FP-GK250, FP-GK106, FP-GK110	FP-GK160, FP-GK250, FP-GK106, FP-GK110	FP-GK160, FP-GK106	FP-GK160, FP-GK250, FP-GK106, FP-GK110

"M" suffix in the model number indicates latch status monitoring. Faceplate Dimensions: FP-GK160 (160 x 25.4mm); FP-GK250 (250 x 25mm); FP-GK106 (106 x 50.2mm); FP-GK110 (110 x 24mm)

ELECTRIC STRIKES

GK500 Series (ANSI)

Centerline/Offset Strikes for Cylindrical Locksets

Model	For Offset Latch Entry		For Centerline Latch Entry				
	GK505	GK571	GK507	GK550-151/152	GK555-101/102	GK580-151/152	GK590
							
Voltage	8-16 VAC, 12 VDC, 24 VDC	8-16 VAC, 12 VDC, 24 VDC	8-16 VAC, 12 VDC, 24 VDC	12 VDC, 24 VDC	12 VDC, 24 VDC	12 VDC, 24 VDC	8-16 VAC, 12 VDC, 24 VDC
Latch Throw (mm)	11/16" (16.8mm)	3/8" (9mm)	11/16" (16.8 mm)	1/2" (12 mm)	1/2" (12 mm)	5/8" (16 mm)	5/8" (16 mm)
Mode	Fail-Secure	Fail-Secure	Fail-Secure	Fail-Secure	Fail-Secure	Fail-Secure	Fail-Secure
Static Strength	800 lbs (363 Kg)	800 lbs (363 Kg)	800 lbs (363 Kg)	800 lbs (363 Kg)	800 lbs (363 Kg)	800 lbs (363 Kg)	800 lbs (363 Kg)
Endurance (Cycles)	1 million	1 million	1 million	1 million	1 million	1 million	1 million
Lockset	Cylindrical	Cylindrical	Cylindrical	Cylindrical Mortise	Cylindrical	Cylindrical Mortise	Cylindrical Mortise deadlatch
Adjustable Keeper	No	No	No	Yes	No	Yes	No
Hold-Open Function	No	No	No	Yes	No	Yes	No
Finish	Satin chrome (US26D)	Satin chrome (US26D)	Satin chrome (US26D)	Silver	Silver	Brushed stainless steel (US32D)	Brushed stainless steel (US32D)
Construction	Zinc alloy	Zinc alloy	Zinc alloy	Zinc alloy	Zinc alloy	Zinc alloy	Zinc alloy
Optional Models	GK506 (Fail-Safe, 12 or 24 VDC)	GK570 (Fail-Safe, 12 or 24 VDC)	GK508 (Fail-Safe, 12 or 24 VDC)	GK550-001/002 (Fail-Safe, No hold-open function)	GK555-001/002 (Fail-Safe)	GK580-001/002 (Fail-Safe, No hold-open function)	—

*GK580-001/002/101/102 includes optional latch monitor.

ELECTRIC STRIKES

GK600/700/800 Series

Durable Strikes for Residential and Business							
Model	GK600	GK750N	GK760	GK800	GK810	GK850	GK880
							
Voltage	12 VDC, 24 VDC	12 to 28 VDC/AC	12 to 28 VDC/AC	Dual 12/24 VDC	Dual 12/24 VDC	Dual 12/24 VDC	Dual 12/24 VDC
Latch Throw (mm)	10	18	18	12	12	15	19
Mode	Reversible Fail-Safe/Fail-Secure	Reversible Fail-Safe/Fail-Secure	Reversible Fail-Safe/Fail-Secure	Reversible Fail-Safe/Fail-Secure	Reversible Fail-Safe/Fail-Secure	Reversible Fail-Safe/Fail-Secure	Reversible Fail-Safe/Fail-Secure
Static Strength	1,500 lbs (680kg)	1,500 lbs (680kg)	1,500 lbs (680kg)	800 lbs (363 kg)	800 lbs (363 kg)	800 lbs (363 kg)	800 lbs (363 kg)
Endurance (Cycles)	1 million	1 million	1 million	1 million	1 million	1 million	1 million
Latch Monitor	No	Yes	Yes	Yes	Yes	Yes	Yes
Locksets	European latch	Cylindrical European latch	Cylindrical European latch	Cylindrical European latch	European mortise	Cylindrical	Cylindrical
Finish	Brushed stainless steel (US32D)	Brushed stainless steel (US32D)	Brushed stainless steel (US32D)	Brushed stainless steel (US32D)	Brushed stainless steel (US32D)	Brushed stainless steel (US32D)	Brushed stainless steel (US32D)
Construction	Zinc alloy	Zinc alloy	Zinc alloy	Zinc alloy	Zinc alloy	Zinc alloy	Zinc alloy
Optional Models	GK610/620 (For mortise locks with deadbolt)	—	GK770 (Non-monitored)	—	—	—	—

ELECTRIC STRIKES

GK1100/1200 Series

Surface Mount Electric Rim Strikes

	GK1100	GK1276	GK1296	GK1297
Model				
Voltage	12 to 28 VAC/DC	Field selectable 12/24 VDC	Field selectable 12/24 VDC	Field selectable 12/24 VDC
Latch Throw	11/16" (17mm)	3/4" (19mm)	1/2" (13mm)	1/2" (13mm)
Mode	Reversible Fail-Safe/Fail-Secure	Reversible Fail-Safe/Fail-Secure	Reversible Fail-Safe/Fail-Secure	Reversible Fail-Safe/Fail-Secure
Static Strength	1,500 lbs (680kg)	1,500 lbs (680kg)	1,500 lbs (680kg)	1,500 lbs (680kg)
Dynamic Strength	—	70 ft-lbs	70 ft-lbs	70 ft-lbs
Endurance (Cycles)	Factory test: 1 million	UL test : 250,000, Factory test : 1 million	UL test : 250,000, Factory test : 1 million	UL test : 250,000, Factory test : 1 million
Monitoring	Latch status , Lock status GK1150 (Non-monitored)	GK1276M (Latch status)	GK1296M (Latch status)	GK1296M (Latch status)
Locksets	Rim exit device	Pullman latch rim exit device	Pullman latch rim exit device	Pullman latch rim exit device
Finish	Black	Brushed stainless steel (US32D)	Brushed stainless steel (US32D)	Brushed stainless steel (US32D)
Housing Thickness	13/16" (20mm)	3/4" (19mm)	1/2" (13mm)	1/2" (13mm)
Horizontal Adjustment	Yes	Yes	Yes	Yes
UL Certification	—	UL 1034, UL 294, UL 10B/10C	UL 1034, UL 294	UL 1034, UL 294, UL 10B/10C

ELECTRIC STRIKES

GK1300/1480/1700 Series

	All in One Kit Solution	Glass Door Strike	Compact Strike	Hook Lock
Model	GK1300 	GK1480 	GK1700-01 	GK1900 
Description	Strike body with faceplate option kit Versatile adjustments	For 3/8" (10 mm) or 1/2" (12mm) full glass doors Horizontal faceplate adjustment	For any type of door frame Ideal for tight or difficult installation	For hook locks
Voltage	12 VDC, 24 VDC, Dual 12/24 VDC	12 VDC, 24 VDC	12 VDC, 24 VDC, 3 to 6 VDC or 8 to 16 VAC	Dual 12/24 VDC
Latch Throw	1" (25mm)	—	1/2" (13mm)	5/8" (16mm)
Mode	Reversible Fail-Safe/Fail-Secure	Fail-Safe	Fail-Secure	Fail-Secure
Static Strength	1,000 lbs (454kg) GK1350 1,500 lb (680kg)	—	1,000 lbs (454kg)	700 lbs (318kg)
Endurance (Cycles)	UL test : 250,000 Factory test : 1 million	—	Factory test : 250,000	Factory test : 250,000
Locksets	Cylindrical, Mortise	—	Cylindrical	HK1900 (mechanical hook lock)
Monitoring	GK1300M (plug-in latch monitor)	—	—	GK1900M (latch monitor)
Finish	Brushed stainless steel (US32D)	Brushed stainless steel (US32D)	Brushed stainless steel (US32D)	Brushed stainless steel (US32D)
Construction	Stainless steel GK1350 (zinc alloy/stainless steel)	Zinc alloy	Zinc alloy	Zinc alloy
UL Certification	GK1300 (UL 1034, UL 294) GK1350(M)-ST (UL 10C)	—	—	—
Optional Models	GK1350/GK1350M	GK1481 (Fail-Secure)	GK1700-02 (Silver finish) GK1700-03 (US40/Dark Bronze finish)	—



GIANNI INDUSTRIES, INC.

CABINET LOCKS

CABINET LOCKS

Convenient and Secure Locking Solution

	CK100	GL-80F
Model		
Voltage	12 to 28 VAC/DC	12 VDC, 24 VDC
Mode	Fail-Secure	Fail-Safe
Operation	Motor operation	Electromagnetic mechanism
Spring Door Open Release	Yes	No
Monitoring	Lock & Door status monitor	Optional lock status monitor (GL-80FR)
Relock Time Delay	Yes	No
Holding Force	Anti-pulling force 220 lbs (100kg)	Holding force 80 lbs (36kg)
Housing	Black polyamide	Stainless steel
Dimensions	2 3/8" x 2 3/8" x 7/8" (60 x 60 x 22 mm) (without rosette)	Lock: 2 3/4" x 1 1/2" x 1" (70 x 38 x 26 mm) Armature: 3 1/8" x 1 1/4" x 3/4" (80 x 32 x 18.5 mm)



GIANNI INDUSTRIES, INC.

ELECTROMECHANICAL LOCKING DEVICES

ELECTROMECHANICAL LOCKING DEVICES

Electromechanical Locks

	European Standard		Australian Standard		ANSI Standard	
	ML-605M	ML-655M	ML-705M-25	ML-755M-25	ML-805M-25	ML-855M-25
Model						
Voltage	12 to 24 VDC/AC					
Monitoring	Lock status					
Installation Direction	Vertical					
Lock Mode	Reversible Fail-Safe/Fail-Secure					
Static Strength	1,500 lbs					
Latchbolt & Nib	Nib located below double action latchbolt	Nib located below adjustable latchbolt	Nib located above double action latchbolt	Nib located below adjustable latchbolt	Nib located above double action latchbolt	Nib located below adjustable latchbolt
Optional Mechanical Override	Yes (Optional cylinders & keys available)		Yes		Yes (Cylinder included)	
Backset	ML-605M-30: 30 mm ML-605M-35: 35 mm	ML-655M-30: 30 mm ML-655M-35: 35 mm	1" (25 mm)		1" (25 mm)	
Dimensions (mm)	Case: 275 L x 25 W x 49 D Strike: 150 L x 28 W x 2 D		Case: 275 L x 25 W x 49 D Strike: 150 L x 28 W x 2 D		Case: 275 L x 25 W x 49 D Strike: 150 L x 28 W x 2 D	

ELECTROMECHANICAL LOCKING DEVICES

Electromechanical Locks

Preload Capable Electromechanical Operation				
Model	ML-400M	ML-450M	ML-600M-30	ML-650M-30
				
Voltage	12 to 24 VDC/AC			
Monitoring	Door status			
Installation Direction	Horizontal, Vertical		Vertical	
Lock Mode	Fail-Safe		Fail-Secure	
Preload Capability	500 lbs (227 kg)		300 lbs (136 kg)	
Latchbolt & Nib	Nib located above double action latchbolt	Nib located above adjustable latchbole	Nib located above double action latchbolt	Nib located above adjustable latchbolt
Accessories	Spacer, Keeper plate		Optional cylinders & keys available	
Strike Plate Options	6 available options to choose from		None	
Dimensions (mm)	210 L x 25 W x 40.5 D		Case: 275 L x 25 W x 43.5 D Strike: 150 L x 28 W x 2 D	

ELECTROMECHANICAL LOCKING DEVICES

Electromechanical Locks

Surface Mount and Glass Mount Electromechanical Locks					
Model	ML-360M	ML-400MSMB	ML-400MVGL	ML-450MSMB	ML-450MVGL
					
Voltage	12 VDC, 24 VDC	12 to 24 VDC/AC			
Monitoring	Lock status, Door status	Door status			
Installation Direction	Horizontal, Vertical				
Lock Mode	Fail-Safe				
Preload Capability	500 lbs (227 kg)				
Mounting Type	Surface mount	Surface mount	Glass mount	Surface mount	Glass mount
Case Dimensions (mm)	200 L x 30.5 W x 45 D	200 L x 32.5 W x 50 D	212 L x 53.5 W x 56 D	200 L x 32.5 W x 50 D	212 L x 53.5 W x 56 D

ELECTROMECHANICAL LOCKING DEVICES

Electromechanical Locks

For Narrow Stile Doors			
Model	ML-210N-SW	ML-300-SW	ML-350M
			
Voltage	12 to 24 VDC/AC		12 VDC, 24 VDC
Monitoring	Lock status		Lock status, Door status
Installation Direction	Horizontal, Vertical	Vertical	Horizontal, Vertical
Lock Mode	Reversible Fail-Safe/Fail-Secure		Fail-Safe
Preload Capability	—		500 lbs (227 kg)
Standards & Compliance	—		Tested and passed for: BS EN 14846; BSEN 1634-1: 2014 & BSEN 1363-1: 2012
Optional Mechanical Override	No	Yes (Optional cylinders & keys available)	No
Optional Model	—	—	ML-350 (24 VDC input, Non-monitored, NF S 61-937 compliant)
Dimensions (mm)	210 L x 25 W x 44 D	250 L x 25 W x 44 D Backset: 30	200 L x 25 W x 39.5 D

Electromechanical Mortise Lock

ANSI Standard, Handle/Lever Controlled		
Model	GML800	
		
Input Power	600mA/12VDC, 300mA/24VDC Field selectable 12/24 VDC	
Backset	2 3/4" (70 mm)	
Finish	Brushed stainless steel (US32D)	
Field Configuration	Changeable fail-safe/fail-secure operation Reversible latchbolt for right and left hand doors	
Optional Monitoring Outputs	Lock status, Request-to-Exit/Enter (Lever rotation), Door status	
Strike	4 7/8" x 1 1/4" , furnished with dust box	
Accessories	Cylinder & Keys	
Optional Lever Sets		
		
GEM800-SET with L811 Lever Option	GEM800-SET with L812 Lever Option	GEM800-SET with L814 Lever Option



GIANNI INDUSTRIES, INC.

Electromechanical Push Bar

ELECTROMECHANICAL LOCKING DEVICES

Electromechanical Push Bar

Preload Panic Exit Device				
Model		PBH-100	PBH-350	
				
Voltage		12~24 VDC/AC (SO Models)	12 or 24 VDC	
Current Draw		1500 mA (down to 500 mA after 1 sec)	12 VDC	385 mA
			24 VDC	220 mA
Lock Mode		Fail-Secure	Fail-Safe	
Cover/ Housing		Aluminum Alloy	Aluminum Alloy	
Mechanism	Solenoid	PBH-100M Models	PBH-350 Series (All)	
	Mechanical	PBH-110-ME models	N/A	
Features	Locking Mechanism	Starwheel bolt	Pullman latch	
	Lock Status Signal Output	PBH-100M Models	PBH-350 Series (All)	
	Bi-Colour LED (Green/Red)	PBH-100MLD-SO Models	PBH-350LD	
	Standard Length	24" & 36"	36"	
	Delay Egress	No	Delay Egress: PBH-350DE	
Dimensions	Bar	36": 35 1/16" x 2 5/8" x 2 7/16" (890 x 66 x 61.5mm)	35 1/16" x 2 5/8" x 2 7/16" (890 x 66 x 61.5mm)	
		24": 23 5/8" x 2 5/8" x 2 7/16" (600 x 66 x 61.5mm)		
	Strike	2 15/16" x 1 3/16" x 11/16" (75 x 30 x 17mm)	2 15/16" x 1 3/16" x 11/16" (75 x 30 x 17mm)	



GIANNI INDUSTRIES, INC.

ELECTRIC DROPBOLTS

ELECTRIC DROPBOLTS

Fail-Safe Series (Mortise Mount)

Mortise Mount Fail-Safe Series

Model	NEW  NEW     				
Voltage	Dual 12/24 VDC				
Current	Pull in: 0.9A/12VDC, 0.45A/24VDC Holding: 0.15A/12VDC, 0.1A/24VDC				
Lock Dimensions (mm)	150 x 25 x 41		210 x 25 x 41		
Strike Plate Dimensions (mm)	100 x 25 x 3				
Finish	Brushed stainless steel				
Intelligent Electronics	Yes				
Bolt Status Sensor (BSS)	No		Yes		
Door Position Sensor (DPS)	Yes		No		Yes
Buzzer Alarm (Door Held Open Alarm)	No				
Relock Timer	Yes				
Push Button Trigger Input	No			Yes	
Adjustable Ball Catch	No	EB180P	EB185P	EB190TG-P	EB195TG-P

ELECTRIC DROPBOLTS

Fail-Safe Series (Mortise Mount)

Mortise Mount Fail-Safe Series			
Model	EB200NLW	EB220N	EB262N
			
Voltage	12VDC		
Current	Pull in: 0.9A Holding: 0.3A		
Lock Dimensions (mm)	203 x 32 x 41.5 EB200NLW-32 203 x 34 x 41.5 EB200NLW-34 203 x 38 x 41.5 EB200NLW-38	220 x 32 x 40 220 x 35 x 40 EB220N-35 220 x 38 x 40 EB220N-38	262 x 35 x 40 262 x 32 x 40 EB262NDS-32
Strike Plate Dimensions (mm)	100 x 25 x 3	140 x 25 x 3	140 x 25 x 3
Finish	Aluminum anodized	Brushed stainless steel/Silver	Brushed stainless steel
Intelligent Electronics	No	Yes	Yes
Bolt Status Sensor (BSS)	No	Yes	Yes
Door Position Sensor (DPS)	Yes	EB220NDS	EB262NDS
Buzzer Alarm (Door Held Open Alarm)	No	EB220NDB (DPS & Alarm)	EB262NDB (DPS & Alarm)
Relock Timer	Yes		
Push Button Trigger Input	No		
Adjustable Ball Catch	No	No	Yes

ELECTRIC DROPBOLTS

Fail-Safe Series (Surface Mount)

Surface Mount Fail-Safe Series					
Model	NEW EB160 	EB185S 	EB195TGS 	EB300 	EB400NDS 
	Dual 12/24 VDC			12 VDC	
Voltage	Dual 12/24 VDC			12 VDC	
Current	Pull in: 0.9A/12VDC,0.45A/24VDC Holding: 0.15A/12VDC, 0.1A/24VDC			Pull in: 0.9A Holding: 0.3A	
Lock Dimensions (mm)	150 x 40 x 27.5	212 x 56 x 31		166 x 56 x 34	220 x 42.5 x 39
Strike Plate Dimensions (mm)	150 x 40 x 27.5	102 x 56 x 31		166 x 56 x 34	220 x 42.5 x 39
Finish	Zinc alloy	Aluminum anodized		Aluminum anodized	Brushed stainless steel
Intelligent Electronics	Yes			No	Yes
Bolt Status Sensor (BSS)	No	Yes		No	Yes
Door Position Sensor (DPS)	Yes	No	Yes	Yes	
Buzzer Alarm (Door Held Open Alarm)	No			No	EB400NDB
Relock Timer	Yes			Yes	
Push Button Trigger Input	No		Yes	No	

ELECTRIC DROPBOLTS

Fail-Safe Series (Glass Mount)

Glass Mount Fail-Safe Series				
Model	NEW EB160VGL 	EB195TGVGL 	EB200NVGL 	EB300VGL 
Voltage	Dual 12/24 VDC	Dual 12/24 VDC	12 VDC	12 VDC
Current	Pull in: 0.9A/12VDC, 0.45A/24VDC Holding: 0.15A/12VDC, 0.1A/24VDC	Pull in: 0.9A/12VDC, 0.45A/24VDC Holding: 0.15A/12VDC, 0.1A/24VDC	Pull in: 0.9A Holding: 0.3A	Pull in: 0.9A Holding: 0.3A
Lock Dimensions (mm)	150 x 42 x 52	212 x 56 x 53.5	205 x 56 x 65.9	166 x 56 x 55.5
Strike Plate Dimensions (mm)	150 x 42 x 52	102 x 56 x 53.5	205 x 56 x 65.9	166 x 56 x 55.5
Finish	Aluminum anodized	Aluminum anodized	Aluminum anodized	Aluminum anodized
Intelligent Electronics	Yes	Yes	No	No
Bolt Status Sensor (BSS)	No	Yes	No	No
Door Position Sensor (DPS)	Yes	Yes	Yes	Yes
Relock Timer	Yes	Yes	Yes	Yes
Push Button Trigger Input	No	Yes	No	No

ELECTRIC DROPBOLTS

Fail-Secure Series

ELECTRIC DROPBOLTS

Mortise Mount Fail-Secure Series				
Model	EB260-N	EB261	EB270	EB265
				
Voltage	12 to 28 VDC	12 to 24 VAC/VDC		
Current	1.2A/12VDC			
Lock Dimensions (mm)	260 x 48 x 30			260 x 73 x 30
Strike Plate Dimensions (mm)	100 x 25 x 3	100 x 46 x 1.5		
Finish	Brushed stainless steel			
Backset (mm)	35			55
Bolt Status Sensor (BSS)	EB260M-N	EB261M	EB270M	EB265M
Reversible Latchbolt	No	Yes	Yes	Yes
Relock Timer	EB260M-N	No	No	No
Auxiliary Deadlatch	No	No	Yes	No
Optional Accessories	ECY-72S (Euro-profile thumbturn cylinder), ECY-72D (Euro-profile double cylinder)			



GIANNI INDUSTRIES, INC.

SHEAR LOCKS

SHEAR LOCKS

Shear Aligning Electromagnetic Locks

Model	GS200	GS200VGL	 GS250
			
Voltage	12/24 VDC Field selectable	12/24 VDC Field selectable	12/24 VDC Field selectable
Current	420 mA/12 VDC 210 mA/24 VDC	420 mA/12 VDC 210 mA/24 VDC	500 mA/12 VDC 250 mA/24 VDC
Shear Holding Force (lbs)	1200	1200	1200
Bond Sensor	No	No	No
Mount	Mortise, Semi-Mortise, Surface	Frameless glass surface	Mortise
Magnet Dimensions	7 1/16" L x 1 3/16" W x 1 1/16" D 180 x 30 x 27 mm	7 3/16" L x 1 7/8" W x 1 3/8" D 182 x 48 x 35 mm	6 9/16" L x 1 3/16" W x 1 1/16" D 167 x 30 x 27.5 mm
Relock Time Delay	—	—	—
Door Gap	1/16" (2mm)	1/16" (2mm)	1/16" (2mm)
UL Certification	UL 1034	UL 1034	—
Optional Mounting Bracket	SMB-200	—	—
Optional Models	GS200M (Bond sensor included) GS200S (Surface mounted) GS200MS (Bond sensor included, Surface mounted)	GS200MVGL (Bond sensor included)	—

SHEAR LOCKS

Shear Aligning Electromagnetic Locks			
	GS705-30	GS705-35	GS705N-30
Model			
Voltage	12 to 24 VDC	12 to 24 VDC	12/24 VDC Field selectable
Current	Pull in: 1.8 A/12 VDC Holding: 0.45 A/12 VDC Pull in: 1.1 A/24 VDC Holding: 0.25 A/24 VDC	Pull in: 1.85 A/12 VDC Holding: 0.45 A/12 VDC Pull in: 1.1 A/24 VDC Holding: 0.25 A/24 VDC	420 mA/12 VDC 210 mA/24 VDC
Shear Holding Force (lbs)	2000	2200	1200
Bond Sensor	Yes	Yes	Yes
Mount	Mortise	Mortise, Semi-Mortise, Surface	Mortise
Magnet Dimensions	9 7/8" L x 1 3/16" W x 1 5/16" D 251 x 30 x 34 mm	9 7/8" L x 1 3/8" W x 1 5/16" D 251 x 35 x 34 mm	10 9/16" L x 1 3/16" W x 1 1/4" D 268 x 30 x 32 mm
Relock Time Delay	1-6 secs	1-6 secs	—
Door Gap	1/8" (3mm)	1/8" (3 mm)	1/16" (2mm)
UL Certification	—	—	—
Optional Mounting Bracket	—	SMB-001	—
Optional Models	—	GS705-35TD (1 -15 sec time delay)	—



GIANNI INDUSTRIES, INC.

AUTOMATIC DOOR OPERATOR

AUTOMATIC DOOR OPERATOR

The AD500 is an automatic swing door operator for a wide range of applications. It can be mounted on either side of the door header for pull or push action, and is suitable for single or double, inward or outward opening, left or right handed doors. It also offers numerous adjustable features and can be integrated with electric locks or access control systems to ensure all around safety.



OPB-500AD
Operation Controller



Easy, Convenient and Safe Access for Swing Doors		
Model	AD500	
		
Application	Healthcare facilities, Office buildings, Homes, Business premises	
Features & Functions	• Non – handed • Push or pull side mounting • Integration with door mounted presence sensor (infrared technology) for safety • Backup battery input for emergency power supply • Power On/Off switch • Activation options: wall switches, card readers, microwave sensors • Adjustment of hold-up time, opening/closing speed, and opening angle • Integration with electric hardware and access control system • 4 Operation modes: Auto, Hold-open, Manual, Push & Go (OPB-500AD operation mode selector included)	
Technical Data	Power Input	100 - 240 VAC, 3.2A Max.
	Door Weight	60 - 150Kg
	Door Width	47 1/4" (1200 mm)
	Compliance	CE, UL/CUL 325



GIANNI INDUSTRIES, INC.

ACCESS CONTROL SYSTEMS

BLUETOOTH READERS



Bluetooth Access Control DG Series

	DG-360 ⁺	DG-365 ⁺	DG-170 ⁺	DG-800 ⁺
Model				
Input Power	12 to 24 VDC		12 VDC	
Bluetooth Spec	Bluetooth low energy 4.2		Bluetooth low energy 4.2	
Operating Distance	50 meters (164 ft)		50 meters (164 ft)	
Temperature	+ 14 to 104°F (-10° to +40°C)		+ 14° to 104°F (-10° to +40°C)	
Administrator/Users	1/200		1/200	
Access Modes	Smartphone, RFID EM 125kHz		Smartphone, RFID EM 125kHz, Keypad	
Functions	• Built-in 85dB tamper buzzer • REX input & Alarm output • Automatic unlocking • Anti-tailgate	• Built-in 85dB tamper buzzer • REX input & Alarm output • Automatic unlocking • Anti-tailgate • Logo indicator light	• Door held open alarm (built-in 85dB buzzer) • Tamper alarm • REX input & Alarm output • Automatic unlocking • Backlit keypad	
User Management	• Add/Delete/View user data • Grant user access for specific dates or time periods • Change user passcode • Up to 1,000 audit trails		• Add/Delete/View user data • Grant user access for specific dates or time periods • Change user passcode • Up to 1,000 audit trails	
Finish	Black	Chrome plated front trim	Chrome/Gold	
Dimensions (mm)	86 x 86 x 20 (European size)	120 x 76 x 21 (ANSI size)	152 x 45 x 23	123 x 79 x 23

*Above Bluetooth readers/keypads work with Bluetooth-enabled smartphones. Easiprox app is available for iOS or Android device and can be downloaded from Apple App or Google Play Store.

BLUETOOTH READERS



Bluetooth Access Control Easiprox Series				
Model	Easiprox ⁺	Easiprox ⁺ Slim	DG-320BLE	DG-325BLE
				
Input Power	12 VDC		12 VDC / 24 VDC	
Bluetooth Spec	Bluetooth low energy 4.2			
Operating Distance	50 meters (164 ft)			
Temperature	-20 °C ~ 70 °C (-4 °F ~ 158 °F)			
Administrator/Users	1/200			
Access Modes	Smartphone, RFID EM 125kHz			
Functions	• Door held open alarm (built-in 85dB buzzer) • Tamper alarm • REX input & Alarm output • Automatic unlocking		• Door held open alarm (built-in 85dB buzzer) • Tamper alarm • REX input & Alarm output • Automatic unlocking • Backlit keypad	
User Management	• Add/Delete/View user data • Grant user access for specific dates or time periods • Change user passcode • Up to 1,000 audit trails		• Add/Delete/View user data • Grant user access for specific dates or time periods • Change user passcode • Up to 1,000 audit trails	
Finish	Navy blue	Black	Navy blue	
Dimensions (mm)	114 x 80 x 18 (ANSI size)	88 x 44 x 23	114 x 70 x 41 (ANSI size)	

*Above Bluetooth readers/keypads work with Bluetooth-enabled smartphones. Easiprox app is available for iOS or Android device and can be downloaded from Apple App or Google Play Store.

BLUETOOTH EXIT BUTTONS



PBT/BTS Series BlueSwitch

The PBT/BTS series BlueSwitch combines an exit button with Bluetooth technology to suit a wide range of applications. It allows easy exit by push button or smartphone and provides an integrated access control solution. It also works with BlueSwitch App for easy and flexible user management.



Exit Button plus Unlock System			
	PBT-1000BT	BTS-586BT	BTS-500BT
Model			
Finish	White/Green plastic	Stainless steel	Stainless steel
Dimensions (mm)	86 X 86 X 38 (European size)	86 x 86 (European size)	114 x 70 (ANSI size)
Input Power	12 to 24 VDC		
Bluetooth Module	Bluetooth low energy 4.2		
Operating Distance	50 meters (164 ft)		
Administrator/Users	1/1000		
Exit Mode	Bluetooth smartphone, Push button		
User Management	• Add/Delete/View user data • Grant user access for specific dates or time periods • Change user passcode • Up to 1,000 audit trails		
Special Functions	• Automatic unlocking • 3 Locking options • Restore & Backup data		

Digital Keypads

Standalone DG Series						
Model	DG-120	DG-130L	DG-185	DG-187	DG-195	DG-200
						
Description	ANSI size	European size	Piezoelectric keys	Piezoelectric keys Separate controller	Backlit touch panel	Heavy duty outdoor use
Voltage	12 to 24 VDC	12 to 24 VDC	12 to 24 VAC/DC	12 to 24 VAC/DC	12 to 24 VAC/DC	12 to 24 VAC/DC
Users	49 + 50	50	1000 + 10	1000 + 10	99	200 + 10
PIN Code Digits	5	4	4 to 6	4 to 6	4 to 8	4 or 5
Inputs	REX, Door sensor	REX	REX, Door sensor	REX, Door sensor, Tamper	REX	REX, Door sensor
Outputs	2 Relays	1 Relay	2 Relays	2 Relays	1 Relay 1 Auxiliary	2 Relays
Housing	Black Plastic ABS	Navy Blue Plastic ABS	Aluminum alloy	Aluminum alloy	Stainless steel frame	Metal
Mount	Surface/Flush	Surface/Flush	Mullion surface	Mullion surface	Flush	Surface
Tamper	No	No	Light sensor	Light sensor Wiring terminal	Switch	Switch
Dimensions (mm)	114x 70 x 41 (Surface mount)	87.3 x 87.3 x 45.2	155 x 44 x 10	155 x 44 x 10 (Keypad) 69.5 x 60.3x 6 (Controller)	134 x 90 x 42	167 x 128.5 x 111.5

Digital Keypads

Standalone DG Series (Illuminated Keypads)

Model	DG-15LD	DG-25LD	DG-750	DG-850TH
				
Description	Backlit tactile keys	Backlit tactile keys	Backlit tactile keys Separate controller	Backlit touch panel EMI prevention
Voltage	12 to 24 VDC	12 to 24 VDC	12 to 24 VAC/DC	12 VDC
Users	200 +10	200 +10	1000 + 10	20 +1
PIN Code Digits	4 or 5	4 or 5	4 to 6	4 or 5
Inputs	REX, Door sensor	REX, Door sensor	2 REX inputs 1 Door sensor input 1 Tamper input	REX, Door sensor
Outputs	2 Relays	2 Relays	2 Relays	2 SSRs (MOSFET relay)
Housing	Aluminum alloy	Stainless steel	Chrome plated zinc alloy	Gold/Chrome plated zinc alloy front trim
Mount	Surface	Surface	Surface	Surface
Tamper	No	No	Wiring terminal	No
Dimensions (mm)	125 x 79 x 64	116.5x 80 x 30.5	122.8 x 78.5 x 22.8 (Keypad) 69.5 x 60.3 x 6 (Controller)	120 x 76 x 21

*EMI: Electromagnetic Interference

Proximity Keypad Readers

Standalone DG Series (With Aluminum Housing)		
Model	DG-160	DG-600
		
Voltage	12 to 24 VAC/DC	12 to 24 VAC/DC
Users	1000 + 10	1000 + 10
Access Modes	RFID EM 125kHz, Keypad	RFID EM 125kHz, Keypad
Wiegand Output	—	—
Housing	Aluminum alloy	Zinc Alloy
Illuminated keys	Yes	Yes
Mount	Mullion surface	Surface
Proximity Frequency	125 kHz	125 kHz
Read Range (cm)	5	2
Tamper	Switch	Switch
Dimensions (mm)	151.5 x 44 x 24	123 x 79 x 23

Proximity Keypad Readers

Standalone Split DG Series (With Separate Controller)

Model	DG-350*	DG-700	DG-760	DG-770TP
				
Description	Backlit tactile keys	Backlit tactile keys	Backlit tactile keys	Backlit touch panel Red LED logo display
Voltage	12 to 24 VAC/DC	12 to 24 VAC/DC	12 to 24 VAC/DC	12 to 24 VAC/DC
Users	1000 + 10	1000 + 10	1000 + 10	1000 + 10
Access Modes	Card, Code (4 to 6 digits)	Card, Code (4 to 6 digits)	Card, Code (4 to 6 digits)	Card, Code (4 to 6 digits)
Inputs	2 REX inputs 1 Door sensor input 1 Tamper input	2 REX inputs 1 Door sensor input 1 Tamper input	2 REX inputs 1 Door sensor input 1 Tamper input	2 REX inputs 1 Door sensor input 1 Tamper input
Output	2 Form C Relays	2 Form C Relays	2 Form C Relays	2 Form C Relays
Housing	Stainless steel plate & Stainless steel/plastic back box	Chrome/Gold plated zinc alloy	Chrome plated zinc alloy	Chrome/Gold plated zinc alloy front trim
Mount	Surface/Flush	Surface	Mullion surface	Surface
Proximity Frequency	125 kHz	125 kHz	125 kHz	125 kHz
Read Range (cm)	3	3	3	3
Tamper	Wiring terminal	Wiring terminal	Wiring terminal	Wiring terminal
Keypad Dimensions (mm)	120 x 74 x 46.2	122.8 x 78.5 x 22.5	151.5 x 45 x 22.7	120 x 76 x 21

* DG-350 includes 3 models: DG-350A (with stainless steel back box), DG-350B (with ramp surface, plastic back box) and DG-350C (with standard plastic back box)

Proximity Keypad Readers

Standalone DG Series			Standalone EASIPROX Series	
Model	DG-300	DG-600-E	DG-120R	EASIPROX-980-40
				
Description	Backlit Prox keypad	Prox keypad with 26/44 bit Wiegand output	Prox reader	Prox reader
Voltage	12 to 24 VAC/DC	8.5 to 16 VDC	12 VAC/DC	12 VAC/DC
Users	1000 + 10	600	2000	2000
Access Modes	Card, Code (4 digits)	Card, Code (5 digits)	Card	Card
Inputs	2 REX inputs 1 Door sensor input	REX, Door sensor, Auxiliary reader	1 REX input	1 REX input
Outputs	2 Relays	2 Relays	1 Relay	1 Relay
Prox Frequency	125 kHz	125 kHz	125 kHz	125 kHz
Read Range	10 cm	10 cm	10-15 cm	10-15 cm
Tamper	Switch	Switch	No	No
Housing	Black Plastic ABS	Black/White Plastic ABS	Navy Blue Plastic ABS	Black Plastic ABS
Dimensions (mm)	117.5 x 77.5 x 23.5	127.5 x 70 x 35.5	114 x 70 x 41 (ANSI size)	114 x 69.5 x 18 (ANSI size)

Networked Access Control Keypads

Multi-Function Networked Access Controller	
Model	ST-640E
	
Voltage	12 VDC
Users	1000 Codes/Cards
PIN Code Digits	4
Access Modes	Card only, Code or Card, Code and Card
Functions	Security system synchronization , Anti-passback, Auto failure recovery
Inputs & Outputs	REX & Door sensor inputs, Alarm outputs (Duress, Door ajar, Forced entry)
Wiegand Output	26 or 34 bit
Proximity Frequency	125 kHz
Read Range	10 to 15 cm
Temperature	23°F to 140°F (-5°C to 60°C)
Humidity	5% to 95% Non-condensing
Mount	Surface/Flush
Dimensions (mm)	114 X 70 x 41 (Surface mount)
Software	Management system software included

Proximity Readers & Other Accessories			
125 kHz Wiegand Proximity Reader			
Model	GEMPROX-640EM-BA		
			
Description	Wiegand 26/34 bit		
Wiegand Mullion Proximity Readers			
Model	GEMPROX-26M	GEMPROX-E	716-40
			
Description	13.56 MHz Wiegand 26 bit	125 kHz Wiegand 26 bit	13.56 MHz Wiegand 26/34/44 bit
RS485 Converters			
Model	485-TO-USB	485-TO-TCP/IP	
			
Description	RS485 to USB converter	RS485 to TCP/IP converter	

Proximity Reader Accessories

Proximity Disc Tags & Cards							
Model	CCTR-INLAY	CCTR00-KEYPROX	CCTR00-CHN105	CCTR00-OF-105	CCTR00-CNPSLD	CCTR-MF-MUL-086	CMS-14
							
Description	● Prox Disc Tag ● 125 kHz ● 22, 29 mm Dia.	● Prox Card ● 125 kHz ● ABA 6H/8D	● Prox Card ● 125 kHz ● ABA 8H/10D	● Prox Card ● 125 kHz ● ABA 6H/7D	● Prox Card ● 125 kHz ● ABA 8H/10D	● Prox Card ● 13.56 MHz ● ABA 8H/10D	● Prox Card ● 125 kHz / 13.56 MHz ● ABA 8H/10D

125 kHz Proximity Key Fobs								
Model	KT-12-BT	KT-13-BL	KT-15EM	KT-16	KT-17	KT-21	KT-22	KT-23BA
								
Description	● Plastic ● ABA 8H/8D	● Plastic ● ABA 8H/10D	● Plastic ● ABA 8H/10D	● Plastic ● ABA 8H/10D	● Plastic ● ABA 6H/8D	● Leather	● Leather	● Leather ● ABA 8H/10D



GIANNI INDUSTRIES, INC.

POWER SUPPLIES

POWER SUPPLIES

PSB/PSU Series

	Uninterruptible Power Supplies					Mini Power Supply
Model	PSB3A PSB5A	PSU100	PSU310-120 PSU310-230	PSU510-120 PSU510-230	PSU320-12 PSU320-24	PSU18-12TB PSU18-24TB
						
Power Supply Type	Linear	Linear	Linear	Linear	Switching	Switching
Features	Toroidal transformer	—	Built-in red flashing light alarm	Field selectable 12 or 24 VDC output	Red flashing light alarm	Compact size
Input Voltage (VAC)	220 - 240 (Special order 110 to 120)	120, 230	110, 230	110, 230	100 - 240V 50/60 Hz	100 - 240V 50/60 Hz
Output Voltage (VDC)	3A 13.8V/27.6V 5A 13.8V/27.6V	2A/13.4V (24W) 2A/27.6V (48W)	2A/13.8V (24W)	3A/13.8V (36W) or 2A/27.6V (48W)	3A/13.8V (36W) 2A/27.6V (48W)	1A/12V 0.5A/24V
Status LED	AC, DC, Battery	—	DC, Battery	DC, Battery	AC, DC, Battery	Power
Tamper Switch	Yes	No	No	No	No	No
Emergency Override Input	No	No	Yes	Yes	Yes	No
Optional Accessories	Power distribution board	—	—	Power supply modules Board stacker Main power switch	Power supply modules Board stacker	—
Dimensions	12 5/8"x2 13/16"x3 1/2" (320 x 325 x 89.5 mm)	8 7/8"x 8 1/2"x3 1/8" (226 x 216 x 80 mm)	10 3/8"x10 3/8"x3 1/8" (263 x 263 x 80 mm)	13"x13"x 3 3/8" (330 x 330 x 86 mm)	12 13/16"x11"x3 9/16" (325 x 280 x 90 mm)	2 3/16"x1 7/8"x1 9/16" (55 x 48 x 40 mm)
Protection Mechanism	Low battery voltage Short circuit Reverse battery polarity Overcurrent Thermal overload	Short circuit Reverse battery polarity Overcurrent Thermal overload	Short circuit Reverse battery polarity Overcurrent Thermal overload	Short circuit Reverse battery polarity Overcurrent Thermal overload	Low battery voltage Short circuit Reverse battery polarity Overcurrent Thermal overload	—

POWER SUPPLIES

PSM Series

High Efficiency Switching Power Supplies				
Model		With Li-ion Batteries	Plug-In Mount	Boxed with Multi-Indicator Panel
	 PSC-122B 	PSM-35-D/PSM-35-X 	PSM-28T 	PSM-29T 
Features	Two independent power outputs and battery charging capability. Mounting bracket included.	Built-in buzzer, Status LEDs Power supply board only: PSM-35-X Power supply & Access control modules: PSM-35-D	0~45 Sec timer Switch for Fail-safe/Fail-secure lock	0~45 Sec timer, Status LEDs Switch for Fail-safe/Fail-secure lock
Input Voltage (VAC)	100 - 240V 50/60 Hz	100 - 240V 50/60 Hz	100 - 240V 50/60 Hz	100 - 240V 50/60 Hz
Output 1	12 VDC/ 1A Max. (1.7A in total for 2 outputs)	3A/12.5VDC	12 or 13.8 VDC 1.5A Max.	12 or 13.8 VDC 1.1A Max.
Output 2	12 VDC/ 1A Max. (1.7A in total for 2 outputs)	—	12 or 13.8 VDC 1A Max.	12 or 13.8 VDC 1A Max.
Battery Charging	12 VDC/ 0.3A Max.	3 x 18650 Li-ion rechargeable cells (not included)	12 or 13.8 VDC 0.3A Max.	12 or 13.8 VDC 0.3A Max.
Weight & Dimensions	Weight: 2 kg Dimensions: 8 1/4" x 8 11/16" x 3 1/8" (210 x 220 x 80mm)	Dimensions: 7 3/4" x 7 3/4" x 1 11/16" (196.5 x 196.5 x 43 mm)	Weight: 0.22 kg Dimensions: 5 1/16" x 2 7/8" x 2" (129 x 73 x 50 mm)	Weight: 2 kg Dimensions: 8 1/4" x 8 11/16" x 3 1/8" (210 x 220 x 80 mm)
Options	—	Cover colors: Black, Grey, White Power cords: AU,EU, UK, US standard	Cover colors: Black Power cords: AU,EU, UK, US standard	—

POWER SUPPLIES

PSM Series

High Efficiency Switching Power Supplies

Model	DIN Rail Mount					
	PSM-01T-4-AC230V	PSM-02-AC230V	PSM-10T	PSM-112S	PSM-224S	PSM-512S
						
Input Voltage (VAC)	230 50Hz	230 50Hz	100 - 240V 50/60 Hz	100 - 240V 50/60 Hz	100 - 240V 50/60 Hz	100 - 240V 50/60 Hz
Output 1	2A/12VDC	1.5A/12VDC	2A/12VDC	1A/13.8VDC	2A/27.6VDC	4.35A/13.8VDC
Output 2	0.5A/12VDC	0.5A/12VAC	0.5A/12VDC	—	—	—
Battery Charging	—	—	—	0.28A/14.5VDC	0.25A/27.6VDC	0.5A/13.8VDC
Adjustable Timer (Sec)	0~75	—	0~75	—	—	—
Weight (Kg)	1	0.95	0.35	0.25	0.34	0.35
Dimensions	6 3/16" x 3 7/8" x 2 11/16" (157.5 x 99 x 68 mm)	6 3/16" x 3 7/8" x 2 11/16" (157.5 x 99 x 68 mm)	5 1 / 16 " x 2 7/8" x 2" (129 x 73 x 50 mm)	4 13/16" x 3 15/16" x 2 1/16" (122 x 100 x 68mm)	4 13/16" x 3 15/16" x 2 1/16" (122 x 100 x 68mm)	4 13/16" x 3 15/16" x 2 1/16" (122x100x68mm)

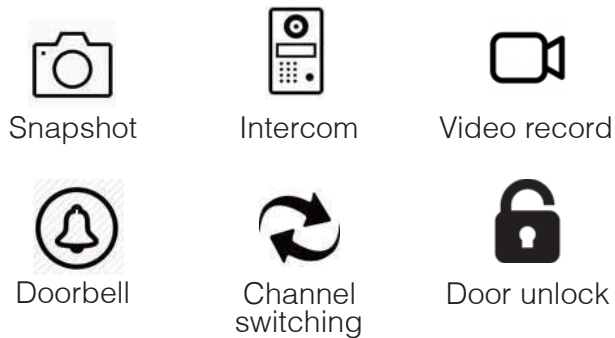
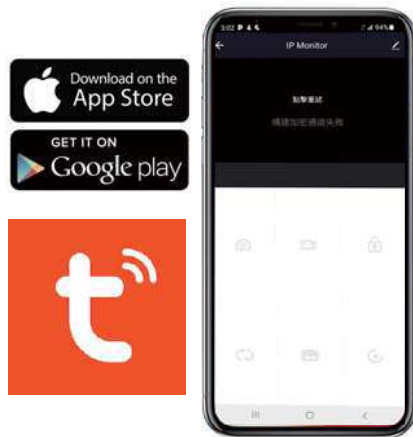


GIANNI INDUSTRIES, INC.

VIDEO INTERCOM SYSTEM

IP Video Intercom System

Install the free “**Tuya Smart**” APP and smart control your home.

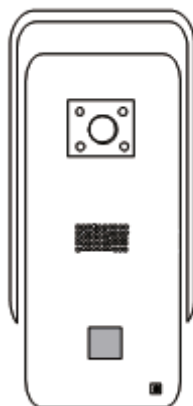


You will never miss a visitor anymore.
Answer the door and remote unlock anytime & anywhere.

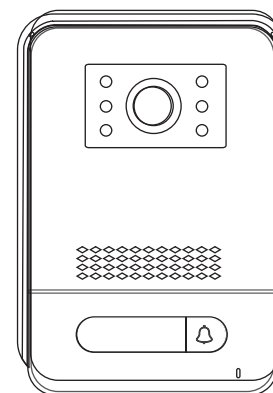


Monitor Station VMT-107

Display	7-inch TFT LCD Touch Screen (16:9)
Resolution	1024 x 600 HD
Video System	PAL/NTSC compatible
Intercom mode	Semi duplex communication
Conversation Duration	120 seconds
Operating Voltage	12 VDC
Current Draw	650 mA (working) 30 mA (standby)
Power consumption	7.8 Watts
Data Communication	4-wire cables, WiFi Tuya solutions
Power supply	Input: 100~240V (50~60Hz) ,Output: 12VDC /1A
Operational temp.	-10°C~55°C
Installation	Surface mount
Extension Memory	Supports max. 64GB TF card
Video Format	Supports AHD1080, 720V, CVBS
Dimension	220 x 135 x 23 mm



ODS-200



ODS-100

Video Door Station ODS-200	
Camera	1/3 CMOS, AHD1080P HD camera, 3.6MM Lens
Camera View	90-degree
Resolution	AHD 1080P
LED	Night vision compensation
Operating Voltage	12 VDC
Current Draw	200 mA (working) 30 mA (standby)
Data Communication	4-wire connection to monitor station
Operating Temperature	-20°C~60°C
Dimensions	130 x 54 x 39 mm
Relay	dry contact: NC, COM, NO
Material Housing	Aluminum alloy/ Silver Finish
Weatherproof	IP65
Call buttons	direct call, name plate and light transparent
Installation	Surface mounted

Video Door Station ODS-100	
Camera Sensor	1/3 CMOS, AHD1080P HD camera, 2.2MM Lens
Camera View Angle	120-degree
Resolution	AHD 1080P
LED	Night vision compensation
Operating Voltage	12 VDC
Current Draw	200 mA (working) 30 mA (standby)
Data Communication	4-wire connection to monitor station
Operating Temperature	-20°C~60°C
Dimensions	135 x 88 x 35 mm
Relay	dry contact: NC, COM, NO
Material Housing	Aluminum alloy/ Silver Finish
Weatherproof	IP65
Call buttons	direct call, name plate and light transparent
Installation	Surface mounted



GIANNI INDUSTRIES, INC.

EXIT BUTTONS & DEVICES

PPB & AS Push Buttons

	PPB Illuminated Push Buttons (Narrow/ANSI Size)				AS Push Buttons (ANSI Size)				
Model	PPB-103	PPB-104	PPB-106	PPB-110	AS-1141	AS-1142	AS-1145	AS-1151	AS-1144
									
Switch Contact	Momentary SPDT, 3A 125/250 VDC	Momentary SPDT, 3A 125/250 VDC	Momentary SPDT, 3A 125/250 VDC	Momentary SPDT, 5A 125/250 VAC	Momentary SPST, 2A/48VDC	Momentary SPST, 5mA/12VDC	Momentary SPST, 5mA/12VDC	Momentary SPDT, 1A/250VAC	Momentary DPDT, 5mA/12VDC
Button	Includes interchangeable Green/Red/Blue handicap lenses PPB-103 includes "EXIT" in English/French PPB-106 includes "EXIT," "PUSH TO EXIT" in English/French/Spanish				Stainless steel	Stainless steel (Large size button option)	Stainless steel (Large size button option)	Stainless steel Bi-color status LED ring	Stainless steel

AS Push Buttons (ANSI Size)									
Model	AS-500	AS-1135	AS-1147	AS-1149	AS-1152	AS-1153	AS-1156	AS-1157	AS-1158
									
Switch Contact	Momentary DPDT, 5A/125VAC	Momentary DPDT, 5A/125VAC	Momentary DPDT, 5A/125VAC	Momentary DPDT, 5A/250VAC	Momentary DPDT, 5A/125VAC	Momentary DPDT, 5A/125VAC	Momentary DPDT, 5A/125VAC	Momentary DPDT, 5A/125VAC	Momentary DPDT, 5A/250VAC
Button	Blue/Red/Green/White ABS	Green/Red/Blue	Stainless steel (Large size button option)	Green	Red LED illumination	Stainless steel plate with Green rim (Red/Blue rim option)	Green/Red	Green/Red	Green/Red

PBT Push Buttons (ANSI Size)

Flush Mount Push Buttons (ANSI Size)					
	PBT-020B-4	PBT-060B	PBT-160B	PBT-180B	PBT-060BL
Model					
Switch Contact	Momentary DPDT, 5A/125VAC	Momentary DPDT, 5A/250VAC	Momentary DPDT, 5A/125VAC	Momentary DPDT, 5A/125VAC	Momentary DPDT, 5A/250VAC, 6A/24VDC
Button	Stainless steel	Green/Red	Green	Green	Red LED illumination

Flush Mount Push Buttons (ANSI Size)				
	PBT-020B-2	PBT-020BJ	PBT-020B-LED	PBT-060B-TG
Model				
Switch Contact	Momentary SPST, 2A/48VDC	Momentary SPST, 5mA/12VDC	Momentary SPDT, 1A/250VAC	Maintained DPDT, 5A/125VAC
Button	Stainless steel	Stainless steel	Stainless steel Bi-color status LED ring	Red

PBT Push Buttons (Narrow Size)

Flush Mount Push Buttons (Narrow Size)

	PBT-020-4	PBT-025-4	PBT-026-4	PBT-010	PBT-010L	PBT-020-2
Model						
Switch Contact	Momentary DPDT, 5A/125VAC	Momentary DPDT, 5A/125VAC	Momentary DPDT, 5A/125VAC	Momentary DPDT, 5A/250VAC, 6A/24VDC	Momentary DPDT, 5A/250VAC, 6A/24VDC	Momentary SPST, 2A/48VDC
Button	Stainless steel	Stainless steel	Stainless steel	Green	Red LED illumination	Stainless steel

Flush Mount Push Buttons (Narrow Size)

	PBT-200-2	PBT-025J	PBT-026J	PBT-200J	PBT-020LED	PBT-200LED
Model						
Switch Contact	Momentary SPST, 2A/48VDC	Momentary SPST, 5mA/12VDC	Momentary SPST, 5mA/12VDC	Momentary SPST, 5mA/12VDC	Momentary SPDT, 1A/250VAC	Momentary SPDT, 1A/250VAC
Button	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel Bi-color status LED ring	Stainless steel Bi-color status LED ring

Surface Mount Push Buttons (Narrow Size)

	PBT-100-4	PBT-080	PBT-100-LED	PBT-030	PBT-120-PTE
Model					
Switch Contact	Momentary DPDT, 5A/125VAC	Momentary SPST, 2A/48VDC	Momentary SPDT, 1A/250VAC	Momentary SPDT, 15A 125/ 250VAC	Piezo-electric, 2A/30VDC
Button	Stainless steel	Stainless steel	Stainless steel Bi-color status LED ring	All active Stainless steel	Stainless steel Bi-color status LED ring

PBT Push Buttons (European Size)

Flush Mount Push Buttons (European Size)					
Model	PBT-450BS	PBT-451BS	PBT-860BS-G	PBT-861BS-B	PBT-8585BS-1
					
Switch Contact	Momentary DPDT, 5A/125VAC	Momentary DPDT, 5A/125VAC	Momentary DPDT, 5A/125VAC	Momentary DPDT, 5A/125VAC	Momentary SPST, 5mA/12VDC
Button	Green (Red/Blue color option)	Green (Red/Blue color option)	Stainless steel plate with Green rim(Red/Blue rim option)	Stainless steel plate with Blue rim (Red/Green rim option)	Stainless steel (Raised button option)

Flush Mount Push Buttons (European Size)					
Model	PBT-211UK	PBT-400BS	PBT-430BS	PBT-425BS	PBT-419PTE-LED
					
Switch Contact	Momentary DPDT, 5A 125/250 VAC	Momentary DPDT, 5A 125/250 VAC	Momentary DPDT, 5A 125/250 VAC	Momentary SPST, 5mA/12VDC	Momentary SPDT, 1A/250VAC
Button	Green	Green	Stainless steel	Stainless steel	Stainless steel, Bi-color status LED ring
Optional Message	"DOOR RELEASE"	"DOOR RELEASE", "PUSH TO EXIT"	"DOOR RELEASE", "PUSH FOR EXIT"	"DOOR RELEASE"	"DOOR RELEASE"

PBT Push Buttons (European Size)

Surface Mount Push Buttons (European Size)				
Model	PBT-090-4	PBT-170	PBT-090-2	PBT-090-LED
				
Switch Contact	Momentary DPDT, 5A/125VAC	Momentary DPDT, 5A/125VAC	Momentary SPST, 2A/48VDC	Momentary SPDT, 1A/250VAC
Button	Stainless steel	Green	Stainless steel	Stainless steel, Bi-color status LED ring

Surface Mount Push Buttons (White Plastic Cover)			
Model	PBT-1000	PBT-1100	PBT-1150
			
Switch Contact	Momentary SPDT, 3A/120VAC or 24 VDC	Momentary SPDT, 3A/120VAC or 12 VDC	Momentary SPDT, 3A/120VAC or 12 VDC
Description	Configurable bi-color LED, Adjustable timer	No LED	Bi-color LED

Weatherproof & Infrared Exit Devices

Weatherproof Exit Button		Weatherproof Infrared Exit Button	
Model	PBT-090WP	RTS-950	
			
Description	• Push to exit button • Easy to install	• Touchless activation, wave-to-exit • Easy to install	
Specifications	• Momentary DPDT • Weatherproof IP 65, NEMA 4 / 4x / 13	• Relay rating 1A/30VDC • Sensor range 4 3/4" (120 mm) max. • Weatherproof IP 65, NEMA 4 / 4x / 13	

LED Illuminated - Round							
Model	RTS-020	RTS-020B	RTS-8585	RTS-700	RTS-800	RTS-970	RTS-970WT
							
Description	Narrow size	ANSI size	European size	European size	ANSI size	5 1/4" x 5 1/4" x 1 3/16" RTS-970WT comes with a RF transmitter	
Specifications	• Operating voltage: 12-24 VDC • Relay rating 1A/30VDC			• Sensor range 4 3/4" (120 mm) max. • Bi-color LED (Green/Red)		• Operating voltage: 12-24 VDC • Relay rating 1A/30VDC • Sensor range 3-15 cm • Bi-color LED (Red/Green)	

Wave Sense Infrared Exit Devices

Low Key Design

	RTS-500	RTS-550	RTS-870
Model			
Description	• European size • Emergency exit button • Bi-color status LED • Surface mount option RTS-500-S • Relay rating 3A 125VAC/30VDC • Sensor range 10 cm	• European size • Emergency exit button • Bi-color status LED • Surface mount option RTS-550-S • Relay rating 1A/125VAC, 2A/30VDC • Sensor range 5~7 cm	• European size • Bi-color status LED • Sensor range 3~15 cm • Relay rating 1A/125VAC, 2A/30VDC

Low Key Design

	RTS-600	RTS-650	RTS-880
Model			
Description	• ANSI size • Emergency exit output • Bi-color status LED • Surface mount option RTS-600-S • Relay rating 3A 125VAC/30VDC • Sensor range 3 15/16" (10 cm)	• ANSI size • Bi-color status LED • Surface mount option RTS-650-S • Relay rating 1A/125VAC, 2A/30VDC • Sensor range 5~7 cm	• ANSI size • Bi-color status LED • Surface mount option RTS-880S • Sensor range 3~15 cm • Relay rating 1A/125VAC, 2A/30VDC

Infrared & Wireless Exit Devices

Glossy White (Plastic White Cover)			
Model	RTS-850	RTS-860	RTS-900
			
Description	• ANSI size • Bi-color status LED • Surface mount option RTS-850S • Sensor range 3~15 cm • Relay rating 1A/125VAC, 2A/30VDC	• European size • Bi-color status LED • Surface mount option RTS-860S • Sensor range 3~15 cm • Relay rating 1A/125VAC, 2A/30VDC	• European size • Configurable bi-color LED • Sensor range 5~7 cm • Contact rating 1A/30VDC max.

Wireless Exit Devices				
Model	S-RC-WPB-025JS	S-TM-WPB-100	S-TM-WPB-025JS	S-TM-WPB-900
				
Description	Wireless Controller Uses RF code-hopping technology 83 x 62 x 30 mm	Remote Transmitter 54.5 x 29.5 x 12 mm	Push Button Transmitter 115 x 40 x 32 mm	Push Button Transmitter 130 x 130 x 72 mm
Specifications	• Input voltage 12 to 24 VDC • Accommodates 15 transmitters Battery voltage 12 VDC, Frequency 433.3 MHz, Transmitting distance 50 to 60 meters			

Door Release Exit Devices & Motion Sensor Switch

Dual Exit Units (Combined Exit Button & Call Point)			Microwave Motion Sensor Switch	
Model	PBS-P430C1	PBS-P430C2	MCS-HR50	MCS-425
				
Description	- Stainless steel push button & faceplate - Break glass call point	- Stainless steel push button & faceplate - Resettable call point	- Microwave Motion Detection - K-Band 24.125Ghz - Input voltage 12 - 30 VDC, 12 - 24 VAC - LED indication - Width and depth detection zone adjustable - IP54 120 x 70 x 41.5 mm	- Microwave Motion Detection -10.525GHz - Input voltage 12 - 24 VAC/DC - Proximity range up to 7 meters - Adjustable timer&sensor output - Relay rating 3A/120VAC, 3A/24VDC 122.5 x 72 x 63 mm
Specifications	Horizontal/Vertical installation, Double gang surface back box, Double pole switch, Contact rating 5A 125/250 VAC, LED Indicator, 187.5 x 90 x 40 mm			

Micro Switch Push Bars			
Model	PBA-860	PBA-860DE	PBA-1860
			
Description	- Non-latching - US28/Gloss green finish 875 x 66 x 61.5 mm (PBA-600: 600 x 66 x 61.5 mm)	- Delay egress - Non-latching - US28/Gloss green finish 875 x 66 x 61.5 mm (PBA-600DE: 600 x 66 x 61.5 mm)	- Non-latching - US28 finish - Bi-color LED indicator 875 x 66 x 61.5 mm (PBA-1600: 600 x 66 x 61.5 mm)

Touch Sense Exit Buttons & Back Boxes

Touch Sense Exit Buttons						
Model	BTS-400-ANSI	BTS-486	BTS-115-ANSI	BTS-85UK	BTS-100	BTS-300
						
Description	ANSI size	European size	ANSI size	European size	European size	Narrow size
Faceplate/ Housing	Stainless steel	Stainless steel	White plastic	White plastic	White plastic	Stainless steel
LED	Bi-color Red/Green LED ring	Bi-color Red/Green LED ring	Red & Green LEDs	Red & Green LEDs	Red & Green LEDs	Bi-color Red/Green LED ring
Mount	Flush	Flush	Flush Surface mount option BTS-115-S	Flush	Surface	Flush

Optional Back Boxes for Push/Exit Buttons						
Model	ANSI Size			European Size		Narrow Size
	SMB-050	SMB-101	SMB-750	SMB-86ALU	PBS-86G	SMB-040
						
Finish	Stainless steel, Silver	Plastic, Black/White	Metal	Aluminum, Silver	Plastic, Green	Plastic, Black
Dimensions (mm)	116 x 70 x 45	114 x 70 x 30	114 x 70 x 32	85.5 x 85.5 x 38	90 x 90 x 50	115 x 43 x 32

Push Plate Exit Buttons

Push Plate Exit Buttons (Stainless Steel Push Plate & Aluminum Back Box)				
Model	PBT-900ALU-1	PBT-900ALU-2	PBT-900ALU-3	PBT-900ALU-4
				
Switch Contact	Momentary SPDT, 15A 125/250 VAC	Momentary SPDT, 15A 125/250 VAC	Momentary SPDT, 15A 125/250 VAC	Momentary SPDT, 15A 125/250 VAC
Plastic Back Box Model	PBT-900-1	PBT-900-2	PBT-900-3	PBA-900-4
Dimensions (mm)	115 x 115 x 69.5 (PBT-900-1: 130 x 130 x 72)	115 x 115 x 69.5 (PBT-900-2: 130 x 130 x 72)	115 x 115 x 69.5 (PBT-900-3: 130 x 130 x 72)	115 x 115 x 69.5 (PBT-900-4: 130 x 130 x 72)

Push Plate Illuminated Exit Buttons (Stainless Steel Push Plate & Plastic Back Box)					All Function Push Plate
Model	PBT-925BLED	PBT-926BLED	PBT-930	PBT-940WT	LHS-250
					
Switch Contact	Momentary SPDT, 0.5A/120VAC, 1A/24VDC	Momentary SPDT, 0.5A/120VAC, 1A/24VDC	Momentary SPDT, 0.5A/120VAC, 1A/24VDC	Momentary SPDT, 0.5A/120VAC, 1A/24VDC	Momentary DPDT, 5A 125/250 VAC
LED/Description	Bi-color Blue/Red status LED	Bi-color Blue/Red status LED	Bi-color Green/Red status LED	Used with wireless receiver Bi-color Green/Red status LED	All active elbow exit button Bi-color Green/Red status LED
Optional Models	PBT-925GLED (Bi-color Green/Red status LED) PBT-925 (No LED, SPDT, 15A 125/250 VAC)	PBT-926GLED (Bi-color Green/Red status LED) PBT-926 (No LED, SPDT, 15A 125/250 VAC)	PBT-950 (Bi-color Blue/Red status LED) PBT-920 (No LED, SPDT, 15A 125/250 VAC)	BT-960WT (Bi-color Blue/Red status LED)	—
Dimensions (mm)	133 x 133 x 30	133 x 133 x 30	133 x 133 x 30	133 x 133 x 30	250 x 95 x 22



GIANNI INDUSTRIES, INC.

CALL POINTS

CALL POINTS

	Break Plastic Glass Call Points		
	CP-31GP-UC	CP-34GP-UC	CP-34GPBZ-LB-UC
Model			
Switch Pole	Double pole	Quadruple pole	Triple pole
Contact Rating	5A 125/250 VAC	5A 125/250 VAC	5A 125/250 VAC
Buzzer	No	No	Yes
12/24 VDC input Terminal	No	No	Yes
Backlight	—	—	Blue/Green or Blue/Red illumination
Case Colors			
Terminal Block Connector	No	No	No
Dimensions (mm)	87 x 87 x 55	87 x 87 x 55	87 x 87 x 55
Accessories	Plastic glass, Clear plastic cover, Test key	Plastic glass, Clear plastic cover, Test key	Plastic glass, Clear plastic cover, Test key

CALL POINTS

	Resettable Call Points			
Model	CP-32G CP-33G	CP-32G-LB	CP-32GBZ-LB CP-33GBZ-LB	NEW CP-32GBZ-LB-ALM
				
Switch Pole	Double pole			
Contact Rating	5A 125/250 VAC			
Buzzer (BZ)	No	No	Yes	Yes
Alarm (ALM)	No	No	No	Yes
Backlight (LB)	—	Blue illumination	Blue illumination	Blue illumination
Case Colors	    			
Terminal Block Connector	CP-33G Only	No	CP-33GBZ-LB Only	No
Dimensions (mm)	91 x 87 x 53	91 x 87 x 53	91 x 87 x 53	91 x 87 x 53
Accessories	Resettable key, Clear plastic cover	Resettable key, Clear plastic cover	Resettable key, Clear plastic cover	Resettable key Clear plastic cover Bead cable tie

CALL POINTS

	Resettable Call Points				
	CP-42GBZ-LB-ALM	CP-42G-LB	CP-42GBZ-LB	NEW CP-43BZ-LB	NEW CP-44-LB
Model					
Switch Pole	Double pole			3 Outputs	4 Outputs
Contact Rating	5A 125/250 VAC	3A 125VAC / 1.5A 250VAC			
Buzzer (BZ)	ON/OFF selectable	No	Yes	Yes	No
Alarm (ALM)	Yes	No	No	No	No
Backlight (LB)	Green/Red illumination (ON/OFF selectable)	Green/Red illumination	Green/Red illumination	Green/Red illumination	Green/Red illumination
Case Colors					
Terminal Block Connector	No	No	No	No	No
Dimensions (mm)	91 x 87 x 53	91 x 87 x 53	91 x 87 x 53	91 x 87 x 53	91 x 87 x 53
Accessories	Resettable key Clear plastic cover Bead cable tie	Resettable key, Clear plastic cover	Resettable key, Clear plastic cover	Resettable key, Clear plastic cover	Resettable key, Clear plastic cover



GIANNI INDUSTRIES, INC.

KEY SWITCHES

KEY SWITCHES

ANSI Standard

	KS-500	KS-700W & KS-700WW	KS-750 & KS-750LD	NEW KS-780 & KS-780LD
Model				
Switch Contact	SPDT	SPDT	DPDT (KS-750) SPDT (KS-750LD)	3PDT (KS-780) DPDT (KS-780LD)
Contact Rating	16(4)A/250VAC	5A/125VAC	5A/125VAC	5A/125VAC
Switch Type	Momentary	Maintained Momentary (please specify)	Maintained Momentary (KS-760)	Maintained
Surface Mount	KS-500-S	KS-700WS KS-700WSW	KS-750-S / KS-750LD-S KS-760-S	KS-780-S KS-780LD-S
LED	No	No	KS-750LD Models	KS-780LD Models
Cylinder & Keys	KS-500-C KS-500-S-C	KS-700W-C / KS-700WW-C KS-700WS-C / KS-700WSW-C	KS-750-C / KS-750-S-C KS-750LD-C / KS-750LD-S-C KS-760-C / KS-760-S-C	KS-780-C / KS-780LD-C KS-780-S-C / KS-780LD-S-C
Faceplate Material	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Dimensions	4 1/2" x 2 3/4" x 1 3/8" (114 x 69.7 x 35 mm)	4 1/2" x 2 3/4" x 1 3/8" (114 x 69.7 x 35 mm)	4 1/2" x 2 3/4" x 1 3/8" (114 x 69.7 x 35 mm)	4 1/2" x 2 3/4" x 1 3/8" (114 x 69.7 x 35 mm)

KEY SWITCHES

European Standard				Narrow Stile
Model	KS-7510A	KS-800 & KS-800LD	KS-860	KS-900 & KS-900LD
				
Switch Contact	SPDT	DPDT (KS-800 & KS-810) SPDT (KS-800LD & KS-810LD)	SPDT	DPDT (KS-900 & KS-910) SPDT (KS-900LD & KS-910LD)
Contact Rating	4A/125VAC	5A/125VAC	5A/125VAC	5A/125VAC
Switch Type	Momentary	Maintained Momentary (KS-810)	Maintained Momentary (please specify)	Maintained Momentary (KS-910)
Surface Mount	KS-7510A-S	KS-800-S / S-800LD-S Models KS-810-S / S-810LD-S Models	KS-860-S / KS-860-S-C	KS-900-S / S-900LD-S Models KS-910-S / S-910LD-S Models
LED	No	KS-800LD Models KS-810LD Models	No	KS-900LD Models KS-910LD Models
Cylinder & Keys	Yes	KS-800-C / KS-800LD-C Models KS-810-C / KS-810LD-C Models	KS-860-C KS-860-S-C	KS-900-C / KS-900LD-C Models KS-910-C / KS-910LD-C Models
Faceplate Material	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Dimensions	3 3/8" x 3 3/8" x 1 7/8" (86.3 x 86.3 x 47 mm)	3 3/8" x 3 3/8" x 1 7/8" (86.3 x 86.3 x 47 mm)	3 3/8" x 3 3/8" x 1 7/8" (86.3 x 86.3 x 47 mm)	4 5/16" x 1" x 1 1/2" (109.5 x 52 x 37.5 mm)



GIANNI INDUSTRIES, INC.

ELECTROMAGNETIC DOOR HOLDERS

ELECTROMAGNETIC DOOR HOLDERS

ANSI Standard

ANSI Standard						
Model	GD900F	GD900W	GD900WE	GD950	GD970	GD990
						
Voltage	24 VAC/DC (12 VAC/DC available by special order)			Dual 12/24 VDC and 110~220 VAC		
Holding Force (lbs)	80				32.9 (VDC) or 38.8 (VAC)	
Manual Release Button	Yes	No	Yes	No		
Mount	Floor	Flush Wall	Flush Wall	Flush Wall	Flush Wall	Flush Wall
Finish	Black	Stainless steel	Stainless steel	Silver / Black	Silver	Stainless steel
LED	No	No	Yes	Yes	No	
Armature Plate Type	Swivel					
Extention Rod Application	Yes			No		
Surface Mount Option	—	Pair with SMB-050 as GD900WS	Pair with SMB-050 as GD900WES	GD950S	GD970S	Pair with SMB-050 as GD990S
UL Certifications	UL 228, ULC C228	UL 228, ULC C228	—	—	UL 228, ULC C228	UL 228, ULC C228

ELECTROMAGNETIC DOOR HOLDERS

	European Standard				Euro Standard High Security
Model	GD640S	GD840S	GD850F	GD860S	RM90
					
Voltage	24 VDC (12 VDC available by special order)				24 VDC or dual 12/24 VDC (12 VDC by special order)
Holding Force (lbs)	70	80	80	80	550
Manual Release Button	Yes	Yes	Yes	Yes	No
Mount	Flush Wall	Surface Wall	Floor	Surface Wall	Surface Wall
Finish	Stainless steel	Black	Black	White	White
LED	Yes	Yes	Yes	Yes	No
Armature Plate Type	Swivel	Swivel/Self-adjustable	Swivel/Self-adjustable	Swivel/Self-adjustable	Fixed
Extention Rod Application	Yes	No	No	No	No
Bond Sensor Option	No	No	No	No	Yes



GIANNI INDUSTRIES, INC.

SINGLE DOOR ACCESS CONTROL KITS

WIRELESS POWER TRANSFER

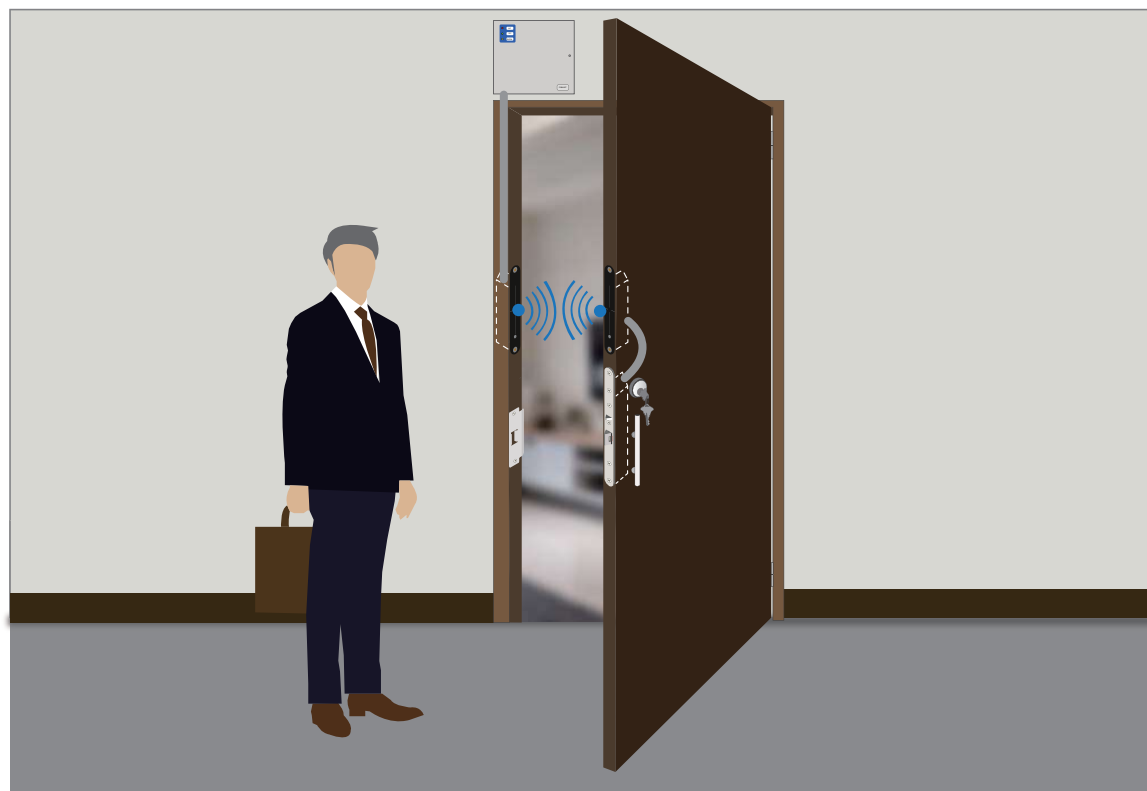
The WLP series adopts inductive coupling through an advanced infrared technology to transfer power wirelessly across the door gap to power electrified locks. Installation is made simple and less time consuming.

Standard Features

- No need to core drill the door, nor worry about broken wires
- Door status output & lock status output
- Works with fail-secure electrified locks/latches
(Up to 30 seconds of power for intermittent duty)
- Flexible mounting positions
- Infrared signal indicator light
- For wood and metal doors
(Mounting tabs included for metal door installation)

Specifications

- Input Power (Frame Side):
27.6VDC / 1.5A **WLP-100**
13.8VDC / 1.5A **WLP-150**
- Output Power (Door Side):
800mA/12VDC; 400mA/24VDC **WLP-100**
600mA/12VDC **WLP-150**
- Maximum Door Gap:
3/16" (4~5mm)
- Maximum Misalignment Tolerance:
 - Horizontal & Vertical : 1/16" (1mm)
 - IR sensing: 1/16" (1mm)



ACCESS CONTROL ACCESSORIES

Power Transfer Door Loops (Surface Mount)					
Model	Description	Length of Conduit	Model	Description	Length of Conduit
 DL-200A-30 DL-200A-40 DL-200A-50	- Aluminum end caps - Armored stainless steel flex conduit	11 13/16" (300 mm) 15 3/4" (400 mm) 19 11/16" (500 mm)	 DL-350SP-40 DL-350SP-60	- Aluminum end caps - Armored spring steel flex conduit	15 3/4" (400 mm) 23 5/8" (600 mm)
 DL-200P-30 DL-200P-40 DL-200P-50	- Silver plastic end caps - Armored stainless steel flex conduit - Optional finishes: Black, White (For 500 mm length of conduit)	11 13/16" (300 mm) 15 3/4" (400 mm) 19 11/16" (500 mm)	 DL-370	- Aluminum end boxes - Armored stainless steel flex conduit - Silver finish - Patented	15 3/4" (400 mm)
 DL-330-40	- Aluminum end caps - Armored stainless steel flex conduit	15 3/4" (400 mm)	 DL-370-US40	- Aluminum end boxes - Armored stainless steel flex conduit - US 40 finish - Patented	15 3/4" (400 mm)
 DL-350-40 DL-350-46 DL-350-50 DL-350-60 DL-350-71 DL-350-85	- Aluminum end caps - Armored stainless steel flex conduit	15 3/4" (400 mm) 18 1/8" (460 mm) 19 11/16" (500 mm) 23 5/8" (600 mm) 27 15/16" (710 mm) 33 7/16" (850 mm)			

ACCESS CONTROL ACCESSORIES

Power Transfer Door Loops (Mortise Mount)		
Model	Description	Dimensions
 DL-400	• Steel case • Nickel-plated steel flex conduit	11 7/16" x 15/16" x 5/8" (290 x 24.5 x 16.3 mm)
 DL-417ST	• Stainless steel case • Stainless steel flex conduit • For metal frames	11 7/16" x 15/16" x 13/16" (290 x 24.5 x 20 mm)
 DL-500 DL-500MP	• Zinc alloy case • Stainless steel flex conduit • For wood frames	11 1/2" x 1" x 11/16" (292 x 24.8 x 18 mm)

Power Transfer Door Loops with Terminal Boards		
Model	Description	Dimensions
 DL-360TB	• Aluminum end boxes • Armored stainless steel flex conduit • Includes terminal boards • Patented	Length of conduit 15 3/4" (400 mm)
 DL-417ST-TB	• Stainless steel case • Stainless steel flex conduit • Includes terminal boards • For metal frames	12 5/8" x 1" x 2 1/6" (320 x 25 x 53 mm)
 DL-500-TB	• Zinc alloy case in ivory finish • Stainless steel flex conduit • Includes terminal boards • For wood frames • Patented	12 5/8" x 15/16" x 2 3/16" (320 x 24.5 x 55 mm)

ACCESS CONTROL ACCESSORIES

LED Indicator Lights					
Model	Description	Faceplate Material	Model	Description	Faceplate Material
 TLM-100TB	•Narrow size •Red & Green LEDs for lock status •Flush mount (Surface mount option TLM-100TBS)	Stainless steel	 TLM-600N	•Narrow size •Red & Green LEDs for lock status •Flush mount (Surface mount option TLM-600NS)	Stainless steel
 TLM-300	•Narrow size •Red & Green LEDs for lock status •Flush mount (Surface mount option TLM-300S) •Push button included	Zinc alloy	 TLM-600-4	•Narrow size •Red & Green LEDs for lock status •Flush mount (Surface mount option TLM-600-S-4) •Push button included	Stainless steel
 TLM-400	•Narrow size •Red & Green LEDs for lock status •Flush mount (Surface mount option TLM-400S)	Zinc alloy	 TLM-200TB	•European size •Red & Green LEDs for lock status •Flush mount (Surface mount option TLM-200TBS)	Stainless steel

ACCESS CONTROL ACCESSORIES

Magnetic Contacts

Model	Description	Model	Description
 GMC-1012	• Loop Type: Closed • Reed Form: N/O • Closed Gap (mm): 3/4 (19) • Depature Gap (mm): 0.8 (20) • Maximun Initial Contact Resistance (Ohm): 0.150 • Maximun Contact Rating (W): 10 • Maximun Switching Voltage (VDC/VAC): 100 • Maximun Switching Current (A): 0.5	 GMC-2022	• Loop Type: Closed • Reed Form: N/O • Closed Gap (mm): 1.18 (30) • Depature Gap (mm): 1.3 (33) • Maximun Initial Contact Resistance (Ohm): 0.150 • Maximun Contact Rating (W): 10 • Maximun Switching Voltage (VDC/VAC): 100 • Maximun Switching Current (A): 0.5
 GMC-1013	• Loop Type: Closed • Reed Form: N/O • Closed Gap (mm): 1 (25) • Depature Gap (mm): 1.1 (28) • Maximun Initial Contact Resistance (Ohm): 0.150 • Maximun Contact Rating (W): 10 • Maximun Switching Voltage (VDC/VAC): 100 • Maximun Switching Current (A): 0.5	 GMC-2031	• Loop Type: Closed • Reed Form: N/O • Closed Gap (mm): 1.1 (28) • Depature Gap (mm): 1.3 (33) • Maximun Initial Contact Resistance (Ohm): 0.150 • Maximun Contact Rating (W): 10 • Maximun Switching Voltage (VDC/VAC): 100 • Maximun Switching Current (A): 0.5
 GMC-1022	• Loop Type: Closed • Reed Form: N/O • Closed Gap (mm): 0.85 (22) • Depature Gap (mm): 0.95 (24) • Maximun Initial Contact Resistance (Ohm): 0.150 • Maximun Contact Rating (W): 7.5 • Maximun Switching Voltage (VDC/VAC): 100 • Maximun Switching Current (A): 0.4	 GMC-2071	• Loop Type: Closed • Reed Form: N/O • Closed Gap (mm): 1.5 (38) • Depature Gap (mm): 1.65 (42) • Maximun Initial Contact Resistance (Ohm): 0.150 • Maximun Contact Rating (W): 7.5 • Maximun Switching Voltage (VDC/VAC): 100 • Maximun Switching Current (A): 0.4
 GMC-1032T	• Loop Type: Closed • Reed Form: N/O • Gap (total travel) (mm): 1/4 (6) • Maximun Initial Contact Resistance (Ohm): 0.150 • Maximun Contact Rating (W): 10 • Maximun Switching Voltage (VDC/VAC): 100 • Maximun Switching Current (A): 0.5	 GMC-2071AR	• Loop Type: Closed • Reed Form: N/O • Closed Gap (mm): 1.5 (38) • Depature Gap (mm): 1.65 (42) • Maximun Initial Contact Resistance (Ohm): 0.150 • Maximun Contact Rating (W): 7.5 • Maximun Switching Voltage (VDC/VAC): 100 • Maximun Switching Current (A): 0.4

ACCESS CONTROL ACCESSORIES

Door Latches		Door Control Modules		Rectifier Gadgets	
Model	Description	Model	Description	Model	Description
 LS-1802GF	- Stainless steel latchbolt - Zinc alloy construction & faceplate - For wood doors	 ILM-200	2 Door interlock Module - Controls the opening of 2 doors - Used in high security or confidential areas	 SM1224-1A-N	- Input voltage 12 to 24VAC/DC - Output voltage 1A/12VDC - Regulates voltage to prolong operational life of solenoids - Output status LED
 LS-2200	- Stainless steel latchbolt - Anti-friction roller bolt design - Aluminum alloy construction - Stainless steel faceplate - For wood doors	 ILM-300	3 Door interlock Module - Egress control for a 3-door configuration (or short a set of reed switch for 2 doors) - Works with both fail-safe and fail-secure locks	 SM1224BZ-1A	- Input voltage 12 to 24VAC/DC - Output voltage 1A/12VDC - Regulates voltage to prolong operational life of solenoids - Output status LED - Built-in buzzer
 LS-2250	- Stainless steel latchbolt - Stainless steel construction - Stainless steel faceplate - For wood doors	 DBR-200	Versatile Relay Module - DPDT changeover contacts - Relay output rating 250VAC/5A; 24VDC/5A	 SM1224-TBZ	- Input voltage 12 to 24VAC/DC - Output voltage 1A/12VDC - Regulates voltage to prolong operational life of solenoids - Output status LED - Built-in buzzer - Anti-tailgate function - Relock time delay
 LS-3500/3600	- Stainless steel latchbolt - Easily reversible bolt - Round/Square faceplate option - For wood/hollow metal doors - Operates with knob/lever/thumb turn (Model LS-3600 operates with cylindrical knob/lever)	 DBR-200-JP	Relay Module - A set of power input (wet contact input) and a dry input to connect 2 relay dry outputs - Relay output rating 250VAC/5A; 24VDC/5A	 CPP912	- Input voltage 12 to 32 VDC or 12 to 24 VAC - Regulates voltage to prolong operational life of solenoids - For fail-safe electric strikes
		 FFP-1224-7A	Fire Alarm Relay Module - Fire alarm release module - For fail-safe/fail-secure devices - Relay rating 7A/30VDC	 CPP1824	- Input voltage 24 to 33 VAC/DC - Regulates voltage to prolong operational life of solenoids - For fail-safe electric strikes

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