PRODUCT COMPARISON CHART

HID

EDGE EVO®

EDGE EVO Product Category	Standard Controllers, Reader/Controllers and Modules				IO Interface Modules				
Category Purpose	Single door controller, reader/controller and modules that interface to discrete IO and Wiegand readers.				Interface EDGE EVO Controllers and Reader/Controllers to additional discrete IO and Wiegand readers.				
Model	EH400-K	EHR40-K	EHRP40-K	EHR40-L	EDWM-M	EDM-M	EWM-M	EIM-M	ELM
Part Number	82000CKE1A	82120CKI0001A	82125CKI0001A	82120CKL0001A	82363AKM	82342AKM	82360AKM	82340AKM	82301AN
Description	Single door controller with discrete IO and single Wiegand Reader interface all in one package; with optical tamper	Single door controller/ reader (13.56 MHz) with separate (secure side mounted) discrete IO interface for door components; with optical tamper	Single door controller/ reader (13.56 MHz and 125 kHz) with separate (secure side mounted) discrete IO interface for door components and Wiegand interface; with optical tamper	Single door controller/ reader (13.56 MHz) with separate discrete output interface for lock; controller/reader has optical tamper	IO Interface Module with interface to discrete IO (4 inputs, 2 outputs) and Wiegand / C&D Reader; with optical tamper	IO Interface Module with interface to discrete IO (4 inputs and 2 outputs); with optical tamper	IO Interface Module with interface to Wiegand Reader; with optical tamper	IO Interface Module with interface to discrete IO (4 inputs); with optical tamper	IO Interface Module with interface to discrete IO (1 output)
Default Use (Single Reader, Basic Door Connections)	Interface to door REX, DPS, Lock and Wiegand / C&D Reader	Interface to door REX, DPS and Lock	Interface to door REX, DPS and Lock	Interface to door lock (door control without door monitoring)	Interface to door REX, DPS and Lock OR general purpose inputs / outputs AND Wiegand / C&D Reader	Interface to door REX, DPS and Lock OR general purpose inputs / outputs	Interface to Wiegand / C&D Reader	Monitor general purpose inputs around the door	Use for door control; reader / controller is hooked up to 1 lock output only
Number of Boxes to Install	1	2 (separately located) controller/reader and module located in separate areas		2 (co-located) module mounting inside US single-gang box; controller/reader mounted on the same box	1 designed for secure side mount				1
Mounting	US Double-gang, US Single-gang and EU / APAC 60mm	Both controller/reader and module are separately mounted on US Single-gang and EU / APAC 60mm		US Single-gang	US Single-gang and EU / APAC 60mm				Fits within US Single Gang Box or Hollow Door Frame
Door IO Connection Termination	Termination within EH400-K	Termination within IO interface module; IO Interface Module is connected to controller/reader using 4-wire bus		Termination within IO interface module within j-box; IO Interface Module is connected to controller/ reader using 4-wire bus	Termination within IO Interface Module				
Additional Components Needed to Add a Second Reader	EWM or EDWM-M (if Wiegand Reader)	EWM or EDWM-M (if Wiegand Reader)	None (if Wiegand Reader)	-EWM or EDWM-M (if Wiegand Reader)	N/A				
Accessories	Spacer (82100AKD) Reverse Mounting Plate (82100AKD-R)	See EHR40 and EDM-M	See EHRP40 and EDWM-M	Spacer (82100AKA)	Spacer (82100AKC) Reverse Mounting Plate (82100AKC-R)				None
Dimensions	6.1" W x 4.8" H x 1.5" D (154.9 mm x 122.5 mm x 37.1 mm)			See EHR40 and ELM	3.3" W x 5.0" H x 1.5" D (84.0 mm x 127.0 mm x 37.0 mm)	3.3" W x 5.0" H x 1.5" D (84.0 mm x 127.0 mm x 37.0 mm)	3.3" W x 5.0" H x 1.5" D (84.0 mm x 127.0 mm x 37.0 mm)	3.3" W x 5.0" H x 1.5" D (84.0 mm x 127.0 mm x 37.0 mm)	1.3" W x 2.9" H x 0.7" D (31.7 mm x 72.9 mm x 18.3 mm)
Weight	11.3 oz (320 g)			See EHR40 and ELM	5.6 oz (160 g)	4.9 oz (140 g)	4.9 oz (140 g)	4.9 oz (140 g)	1.4 oz (40 g)

hidglobal.com