

# Flush Mounted Series Era of Access Control Innovation

AR-888-H/AR-888-K/AR-888-U/AR-888-PBI-S



◀ **Flush Mounted Access Controller**  
AR-888-H/K (EU/US)

▲ **Touchless Infrared Button**  
AR-888-PBI-S (EU/US)

▲ **Flush Mounted Reader**  
AR-888-U (EU/US)



### Weatherproof IP65

Surface  
AR-888-H/AR-888-K/  
AR-888-U/AR-888-PBI-S



### Illuminated Touch-Panel

AR-888-H/AR-888-K



### Card/PIN

AR-888-H/AR-888-K/  
AR-888-U



### Slim thickness

AR-888-H/AR-888-K/  
AR-888-U/AR-888-PBI-S



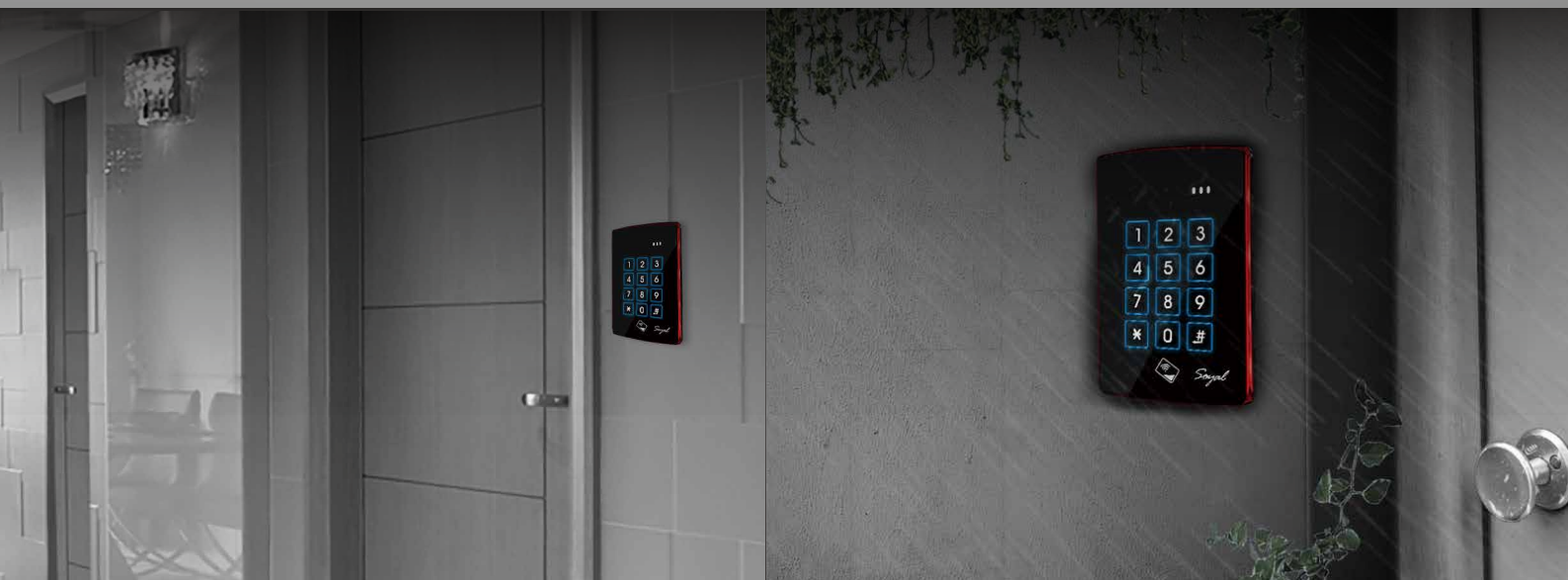
### Bi-color Edge LED

AR-888-H/AR-888-K/  
AR-888-U/AR-888-PBI-S



### Alarm

AR-888-H



# Flush Mounted Access Controller

## Wiegand (Keypad) Reader/Touchless Infrared Button

AR-888-H/AR-888-K/AR-888-U/AR-888-PBI-S

### Flush Mounted Access Controller

#### AR-888-H (EU/US)



Frequency	125kHz: ISO18000-2: EM4001 and EM4095 compatible 13.56MHz: ISO 14443/ISO 7816-4 Mifare Ultralight, Classic, DESFire EV1, NFC (card simulation)	
UID Bits	24~32 (Adjustable)	
Reading Range <small>(Depending on tag or card)</small>	125kHz: 5-15 cm : 13.56MHz: 2-5 cm	
RFID Crypto	13.56MHz: CC Certification: 3DES Crypto comply with EAL4+	
Communication interface	Host	125kHz: RS-485 (9600 bps) 13.56MHz: RS-485 (9600 bps) / SSC (Soyal Security Communication)
	Serial	UART PORT (Only Output)
	Wiegand Input	Wiegand 24~34
	Wiegand Output	No
DI/DO <small>(Doors Control:1.5)</small>	DI	Main Controller: Egress X1 / Door Status X1 Wiegand Output Port: Share with Main Controller
	Door Lock Output	Main Controller: Door Lock Relay X1 Wiegand Output Port: Share with Main Controller
	Alarm Output	Open Collector X1 ( Share with Lift Control )
	Wiegand Port	Main Controller: None Wiegand Output Port: Wiegand Data 0 Input X1/ Wiegand Data 1 Input X1/ Red LED Output X1 Green LED Output X1/ Beeper Output X1
	Open Collect Output	Arming Output X1/ Security Trigger Signal X1/ Duress Output X1
	Tamper	Limit switch (1 Form C/ 1000mA / 30VDC)
	User Capacity / Floors Number	3,000 Users / 32 Floors
Event Log	1,500	
Power Voltage	9-24VDC	
Power Consumption	<3W	
Indicator	3 LED (White) Bi-Color LED Frame (Green/Red) : 1 Buzzer	
Housing	Anti-Scratch PC+ABS	
Color	Black / White / Hairline texture printing	
Keypad	Illuminated Touch-Panel / * Invisible Keypad Function	
Dimension (mm)	EU: 88(H)X86(W)X34(D) US:118(H)X81(W)X34(D)	
Net Weight(g)	EU: approx. 110 : US: approx. 120	
Ingress Protection	IP65 (Surface)	
Operating Temperature	-20°C ~ +70°C	

### Flush Mounted Reader

#### AR-888-K/U (EU/US)



Frequency	125kHz: EM : 13.56MHz: ISO 14443/ISO 7816-4 Mifare Ultralight, Classic, DESFire EV1, NFC (card simulation)	
UID Bits	24~32 (Adjustable)	
Reading Range <small>(Depending on tag or card)</small>	125kHz: 5-15 cm : 13.56MHz: 2-5 cm	
Read/Write	125kHz: Read Only : 13.56MHz: Read/Write	
RFID Crypto	13.56MHz: CC Certification: 3DES Crypto comply with EAL4+	
Communication interface	Host	125kHz: RS-485 (9600 bps) 13.56MHz: RS-485 (9600 bps) / SSC (Soyal Security Communication)
	Serial	UART PORT (Only Output)
	Wiegand Input	888K: Wiegand 24~34 888U: Wiegand 24~34 (support external Wiegand Keyboard)
	Wiegand Output	Wiegand Data 0 Data 1
DI/DO	DI	LED (Red) / LED (Green) / Buzzer
Power Voltage	9-24VDC	
Power Consumption	<1W	
Indicator	3 LED (White) Bi-Color LED Frame (Green/Red) : 1 Buzzer	
TAMPER	Button Switch (Type A/50mA/30VDC)	
Housing Material	ABS+PC Panel	
Color	Black / White / Hairline texture printing	
Keypad	888-K: Illuminated Touch-Panel / * Invisible Keypad Function : 888-U: No	
Dimension (mm)	EU: 88(H)X86(W)X34(D) : US:118(H)X81(W)X34(D)	
Net Weight(g)	EU: approx. 110 : US: approx. 120	
Ingress Protection	IP65 (Surface)	

### Touchless Infrared Button

#### AR-888-PBI-S (EU/US)



Active distance	4-stage adjustment within 2~10cm	
Voltage	DC 9~24V	
Current	DC 12V Standby: 35mA / Max. during activation: 65mA	
Contact capacity	30VDC 1A / 125VAC 0.3A	
Output Contact	1 Form C (1A / VAC/VDC 30V)	
Indicator	Bi-Color LED Frame (Green/Red)	
Dimension(mm)	EU: 88(H)X86(W)X34(D) US:118(H)X81(W)X34(D)	

### Dimension(mm)

