

**SOYAL**<sup>®</sup>  
ACCESS CONTROL SYSTEM

**AR-331-E/EF**

**Metal Solid, Hard Security**



# AR-331-E/EF

## Touch Keypad IP Access Controller / Fingerprint Controller

### Specification

Frequency	125kHz	13.56MHz	
Standard	·EM Standard	·ISO14443A ·ISO15693 ·DESFire ·FeliCa™ ·ISO7816-4	·NFC ( card simulation ) Customization ·HID Prox ·HID iClass
Reading Range (Depending on tag or card)	3-7 cm	1-3 cm	
Power Consumption	<5W		
Communication Interface	RS-485/Ethernet(By order)		
Baud Rate	9600 bps(N,8,1), 10/100M Base T(By order)		
Power Supply	12VDC		
Digital Input	2 Egress(R.T.E.) / 2 Door contact		
Operating Temperature	-20 °C to +60 °C		
Relay Output	Lock Relay,ON/OFF 0.1-600 Sec.		
Transistor Output	Arming LED(for Security trigger signal)/WG Lock /Alarm/Duress		
Tamper Switch	Limit Switch(Form C)		
Alarm Time	Toggle, 1-600 Sec.		
User Capacity	16,000(Card/PIN User)/ 500(FP User and each with 3 templates)		
Event Log	32,000		
External Reader	1 Wiegand Port		
Anti-pass-back	Yes		
Lift Control	64 Floors, 16,000 Users		
Time Zone	63		
Serial Port	Yes(By order:AR-725L485)		
Indicator	2LED & 1Beeper		
LCD Panel	NO		
Real Time Clock	Yes		
Keypad Material	Illuminated Touch-Panel		
Time Zone	63		
Housing Material	PC&Zinc Alloy/PC Frame(By order)		
Color	Chrome		
Dimension(mm)	158(L)X55(W)X30(H)		
Weight(g)	331-E:211±10(Zinc Alloy Frame)/105±10(PC Frame) 331-EF:216±10(Zinc Alloy Frame)/110±10(PC Frame)		
Fingerprint Type CPU	331-EF:Optical Sensor/ 331E:No		
ERR	331-EF:<0.001% / 331E:No		
Fingerprint User	331-EF:1500 / 331E:No		
Auth. Speed (1:1000)	331-EF:<1.5 Sec. / 331E:No		

### Features



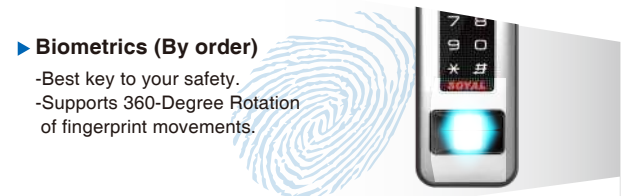
#### ▶ Weatherproof

-Weatherproof Design for outdoor use.



#### ▶ Slim

-Extra slim body design, suitable for installation in space limited areas.



#### ▶ Biometrics (By order)

-Best key to your safety.  
-Supports 360-Degree Rotation of fingerprint movements.



#### ▶ Power DC Input cable(Optional)

1. Open up the Ferrite Core box
2. To wind the DC in Cable around the Ferrite Core two times
3. The close up the Ferrite Core

### Dimension(mm)

