

# Access Readers

Multiple designs fulfill with different demands



### Multi-Card Formate

AR-101U/AR-725K/AR-725U/  
AR-721U/AR-331K/AR-331U/AR-661U



### Dual Band

AR-101U



### Small Size

AR-101U/AR-721U



### Illuminated Touch-Panel

AR-725K/AR-725U/AR-331K/AR-331U



### Metal Frame

AR-331K/AR-331U



### Weatherproof

IP55: AR-725K/AR-725U  
IP56: AR-721U/AR-725U/  
AR-331K/AR-331U/AR-661U



# Access Readers

Multiple designs fulfill with different demands

**Proximity Reader**  
**AR-101U**



**Long Range Proximity Reader**  
**AR-661U**



**Proximity Reader**  
**AR-721U**



**Keypad Reader**  
**AR-721K**



Frequency	13.56MHz	13.56MHz+125kHz	125kHz	125kHz	13.56MHz	125kHz	13.56MHz
Power Supply	9-24VDC		12-16VDC	9-24VDC		9-24VDC	10-24VDC
Standard	EM Standard	·ISO14443A (Optional) ·MIFARE ·DESFire	EM Standard	EM Standard	·ISO14443A (Optional) ·ISO15693 ·ISO7816 ·DESFire ·NFC	EM Standard	·ISO14443A (Optional) ·ISO15693 ·DESFire ·PSAM ·NFC
Reading Range (Depends on Tags)	2-5cm	1-3cm	33-60cm	6-12cm	3-8cm	10-18cm	3-8cm
Read/Write	Read Only	Read/Write	Read Only	Read Only	Read/Write	Read Only	Read/Write
Power consumption	<1W		<3W	<1W		<1W	
Interface	Wiegand24/36		Wiegand, ABA-II, ASYNC	Wiegand, ABA-II, ASYNC		Wiegand, ABA-II, ASYNC	
Baud Rate	9600 bps(N,8,1)		9600 bps(N,8,1)	9600 bps(N,8,1)		9600 bps(N,8,1)	
Temperature	-20 °C to +60 °C		-20 °C to +60 °C	-20 °C to +60 °C		-20 °C to +60 °C	
Keypad	No		No	No		Yes	
Indicator	1 Bi-color LED & 1 Beeper		3 LED & 1 Beeper	1 Bi-color LED & 1 Beeper		1 Bi-color LED & 1 Beeper	
Waterproof	NO		IP56	IP56 (Option)		No	
Housing Material	ABS		ABS	ABS		ABS	
Color	Black		Gray	Black/Gray/Silver (Option)White/Blue/Green/Yellow/Orange/Red		Gray/Silver	
Dimension(mm)	37(L)X37(W)X31(H)		228(L)X228(W)X38(H)	81(L)X43(W)X18(H)		111(L)X77(W)X26(H)	
Weight(g)	26±10		1000±50	40±10		90±10	

**Metal Reader**  
**AR-331U**



**Metal Reader**  
with Illuminated Touch-panel  
**AR-331K**



**Proximity Reader**  
**AR-725U**  
**AR-725U-M**



**Keypad Reader**  
with Illuminated Touch-panel  
**AR-725K**  
**AR-725K-M**



Frequency	125kHz	13.56MHz	125kHz	13.56MHz	125kHz	13.56MHz	125kHz	13.56MHz
Power Supply	9-24VDC		9-24VDC		9-24VDC		9-24VDC	
Standard	EM Standard	·ISO14443A (Optional) ·ISO15693 ·DESFire ·PSAM ·NFC	EM Standard	·ISO14443A (Optional) ·ISO15693 ·DESFire ·PSAM ·NFC	EM Standard	·ISO14443A (Optional) ·ISO15693 ·DESFire ·PSAM ·NFC	EM Standard	·ISO14443A (Optional) ·ISO15693 ·DESFire ·PSAM ·NFC
Reading Range (Depends on Tags)	3-7cm	1-3cm	3-7cm	1-3cm	5-15cm(725U) 5-8cm(725U-M)	3-8cm(725U) 3-5cm(725U-M)	5-15cm(725K) 5-8cm(725K-M)	3-8cm(725K) 3-5cm(725K-M)
Read/Write	Read Only	Read/Write	Read Only	Read/Write	Read Only	Read/Write	Read Only	Read/Write
Power consumption	<1W		<1W		<1W		<1W	
Interface	Wiegand, ABA-II, ASYNC		Wiegand, ABA-II, ASYNC		Wiegand, ABA-II, ASYNC		Wiegand, ABA-II, ASYNC	
Baud Rate	9600 bps(N,8,1)		9600 bps(N,8,1)		9600 bps(N,8,1)		9600 bps(N,8,1)	
Temperature	-20 °C to +60 °C		-20 °C to +60 °C		-20 °C to +60 °C		-20 °C to +60 °C	
Keypad	No		Illuminated Touch-panel		No		Illuminated Touch-panel	
Indicator	2 LED & 1 Beeper		2 LED & 1 Beeper		3 LED & 1 Beeper		1 Bi-color LED & 1 Beeper	
Waterproof	IP56		IP56		IP55 / IP56 (Option)		IP55	
Housing Material	Zinc Alloy		Zinc Alloy		Zinc Alloy+PC(725U-M) / PC(725U)		Zinc Alloy+PC(725K-M) / PC(725K)	
Color	Chrome		Chrome		Black/Gray/Silver (Option)White/Blue/Green/Yellow/Orange/Red		Black/Gray/Silver (Option)White/Blue/Green/Yellow/Orange/Red	
Dimension(mm)	154(L)X51(W)X21(H)		154(L)X51(W)X21(H)		79(L)X110(W)X26(H) (725U) 125(L)X89(W)X30(H) (725U-M)		79(L)X110(W)X26(H) (725K) 125(L)X89(W)X30(H) (725K-M)	
Weight(g)	270±10		270±10		150±10(725U) / 400±10(725U-M)		150±10(725K) / 400±10(725K-M)	

## Structure

