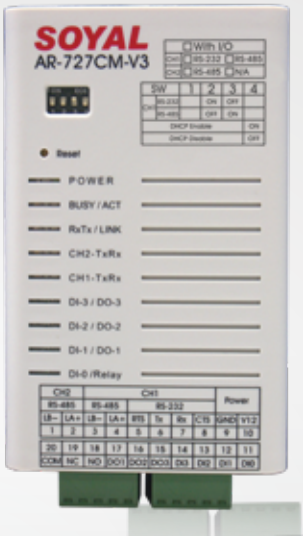
Converter/Server

USB/RS-232/Ethernet/TTL ⟷ RS-485

Isolated USB/RS-485 Converter
AR-321CM



Isolated RS-232/RS-485 Converter
AR-701CM



Serial-to-Ethernet Networking Server
AR-727CM/CM-IO(4I4O)/CM-8I4O



TTL/ RS-485 Converter
AR-725L485



TTL/ RS-485 Converter
AR-321L485



TTL/ RS-485 Converter
AR-321DAX1

Features

AR-321CM
Isolated USB/RS-485 Converter

- Able to link readers and PC to achieve Networking Access Control
- Indicators for power and communication, for debugging and status
- Surge protection: 3 kV
- Electrical isolation: 2500V RMS

AR-727CM / AR-727CM-IO
Serial-to-Ethernet Networking Server / Remote I/O Controller

- Controller connect directly to the networking, does not require conversion by the computer
- The serial ports include RS-485 / RS-232 (Option) / RS-485+RS-232(Option)
- Ab le to link readers and PC to achieve Networking Access Control
- Network Protocols: ARP/ IP/ TCP Client/ UDP/ ICMP/ HTTP/ DHCP/ NetBIOS/ SNMP V1, V2, V3
- Indicators for power and communication, for debugging and status
- Surge protection: 16 kV
- Built-in 4 DI & 4 DO ; Support conditional logic control (Only Suitable for AR-727CM-IO)
- Able to integrate with Alarm device opening all doors for Fire Emergency (Only Suitable for AR-727CM-IO)

AR-701CM
Isolated RS-232/RS-485 Converter

- Data transmission direction auto control
- Able to link readers and PC to achieve Networking Access Control
- Indicators for power and communication, for debugging and status
- Surge protection: 8 kV
- Optical isolation protection:2 kV

AR-321L485
TTL/ RS-485 Converter(12VDC)

- Extension of readers, for display, lift control (AR-401R016B) and so

AR-725L485
TTL/ RS-485 Converter(5VDC)

- Extension of readers, for display, lift control (AR-401R016B) and so

AR-321DAX1
TTL/ RS-485 Converter

- Suitable for induction electronic door locks (AR-323D) networking function

USB/RS-232/Ethernet/TTL ⟷ RS-485

AR-321CM • AR-727CM(-IO) • AR-701CM
AR-725L • 485 • AR-321L485 • AR-321DAX1

Isolated USB/RS-485 Converter

AR-321CM



Interface	USB⟷RS-485
Power Supply	5VDC (Only)
Baud Rate	4800 bps-115200 bps
Power Consumption	<1W
Temperature	-20°C to +50°C
Active Distance	300m(RS-485)
Optical Isolation	3 KV
Electrical Isolation	2500VRMS
Dimension(mm)	79(L)X37(W)X16.4(H)
Weight(g)	50±5

Serial-to-Ethernet
Networking Server · Remote I/O Controller

AR-727CM/CM-IO



Interface	10/100M Base T Ethernet ⟷ RS-232/RS-485	
Power Supply	9-16VDC	
Baud Rate	4800 bps-115200 bps	
Power Consumption	<2W	
Temperature	-20°C to +60°C	
Active Distance	50m(RS-232:Optional)/ 300m(RS-485)	
Protocol	TCP/UDP, DHCP, IGMP V2,SNMP V1,V2,V3,ARP	
Optical Isolation	16kV ESD	
Dimension(mm)	106.5(L)X66(W)X27.7(H)	
Weight(g)	86±5	
I/O	AR-727CM	NO
	AR-727CM-IO	4 DO / 1 Relay / 3 DO
	AR-727CM-8I4O	8 DO / 1 Relay / 3 DO

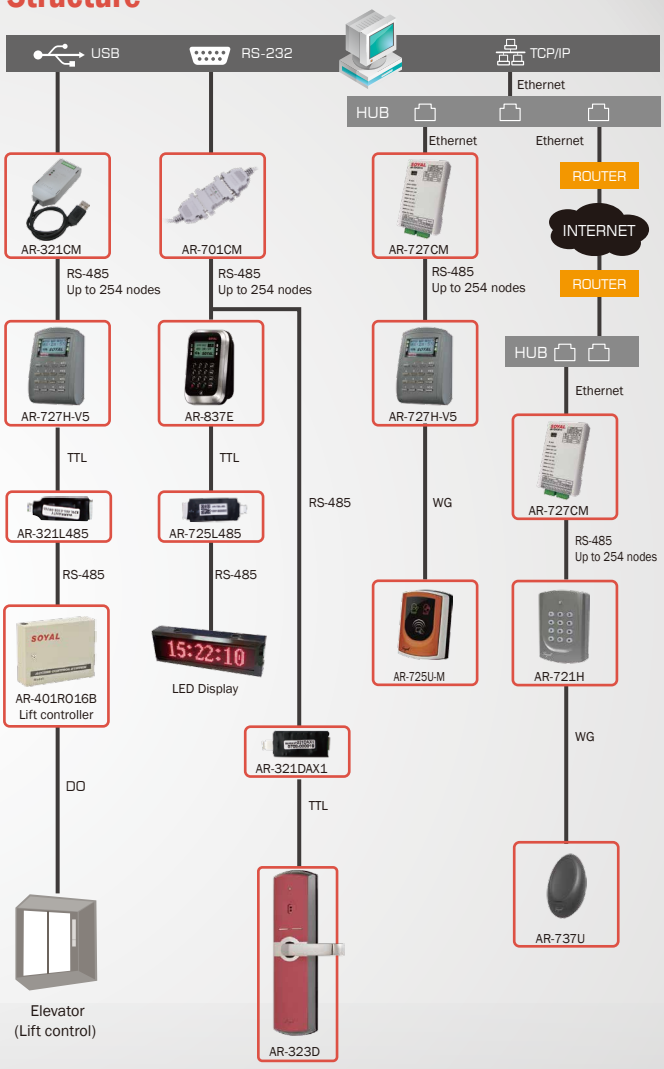
TTL/ RS-485 Converter

AR-725L485/321L485/321DAX1



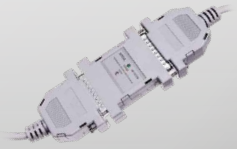
Interface	TTL ⟷ RS-485
Power Supply	AR-725L485: 5VDC (Powered by Controller) AR-321L485/321DAX1: 9-16VDC
Baud Rate	4800 bps-115200 bps
Power Consumption	<1W
Temperature	-20°C to +50°C
Active Distance	300m(RS-485)
Dimension(mm)	AR-725L485:52(L)X14(W)X11(H) AR-321L485:52(L)X14(W)X11(H) AR-321DAX1:44(L)X21(W)X11.3(H)
Weight(g)	14±5

Structure



Isolated RS-232/RS-485 Converter

AR-701CM



Interface	RS-232⟷RS-485
Power Supply	9-16VDC
Baud Rate	4800 bps-115200 bps
Power Consumption	<1W
Temperature	-20°C to +50°C
Active Distance	2M(RS-232)/300M(RS-485)
Protocol	2KV
Optical Isolation	8kV ESD
Dimension(mm)	64(L)X55(W)X16(H)
Weight(g)	40±5