

# Converter/Server

USB/RS-232/Ethernet/TTL → RS-485

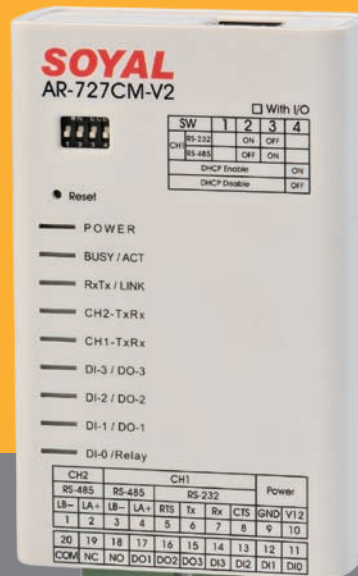
Isolated USB/RS-485  
Converter

AR-321CM



Serial-to-Ethernet  
Networking Server

AR-727CM



TTL/ RS-485 Converter  
AR-321L485



TTL/ RS-485 Converter  
AR-321DAX1

Isolated RS-232/RS-485  
Converter

AR-701CM



## 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<sub>RMS</sub>

### AR-727CM

Serial-to-Ethernet  
Networking Server

- Connect to network directly without PC
- The serial ports include RS-485 and RS-232
- Able to link readers and PC to achieve Networking Access Control
- The Ethernet supports: TCP/IP, DHCP, IGMPv2, SNMP v1, v2c, v3, ARP
- Indicators for power and communication, for debugging and status
- Surge protection: 16 KV

### 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

- 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

**SOYAL**<sup>®</sup>

ACCESS CONTROL SYSTEM

RFID solutions · Proximity & Smart cards · Hardware & Software OEM/ODM Service

RoHS Compliant SOR FC CE MA

# Converter/Server AR-321CM / AR-727CM / AR-701CM AR-321L485 / AR-321DAX1



## Specification

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 +75°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  
AR-727CM

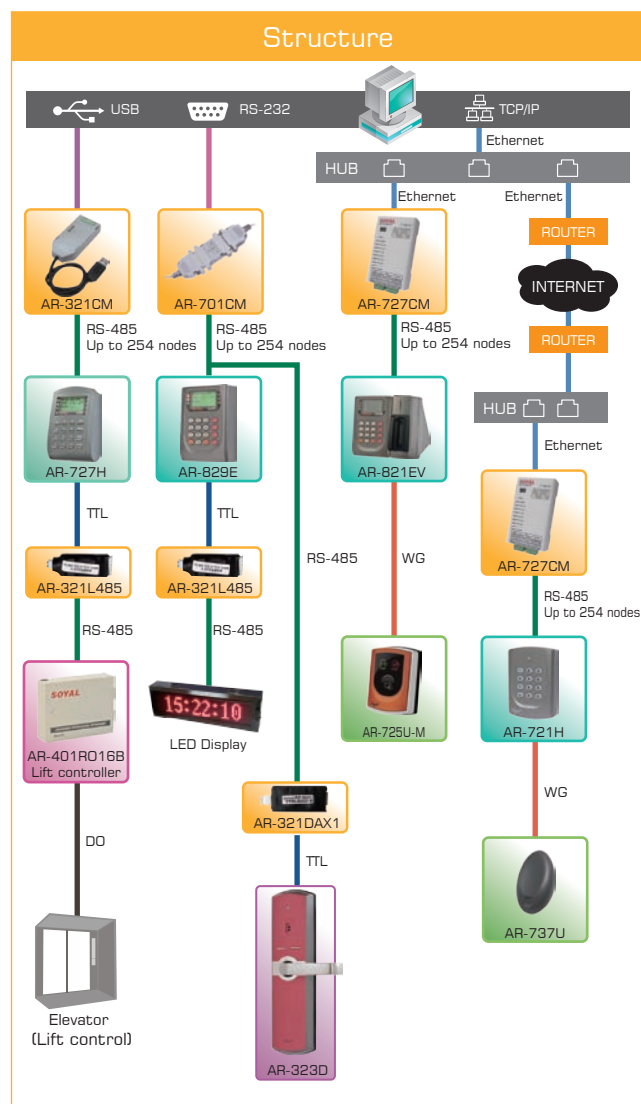


Interface	10/100M Base T Ethernet → RS-232/RS-485
Power Supply	9-24VDC
Baud Rate	4800 bps-115200 bps
Power Consumption	<2W
Temperature	-20°C to +75°C
Active Distance	2M(RS-232)/300M(RS-485)
Protocol	TCP/UDP,DHCP,IGMP v2,SNMP v1,v2c,v3,ARP
Optical Isolation	16 KV ESD
Dimension(mm)	106.5(L)X66(W)X27.7(H)
Weight(g)	86±5

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 +75°C
Active Distance	2M(RS-232)/300M(RS-485)
Protocol	2KV
Optical Isolation	8 KV ESD
Dimension(mm)	64(L)X55(W)X16(H)
Weight(g)	40±5



TTL/ RS-485 Converter  
AR-321L485  
AR-321DAX1



Interface	TTL → RS-485
Power Supply	9-16VDC
Baud Rate	4800 bps-115200 bps
Power Consumption	<1W
Temperature	-20°C to +75°C
Active Distance	300M(RS-485)
Dimension(mm)	AR-321L485:52(L)X14(W)X11(H) AR-321DAX1:44(L)X21(W)X11.3(H)
Weight(g)	14