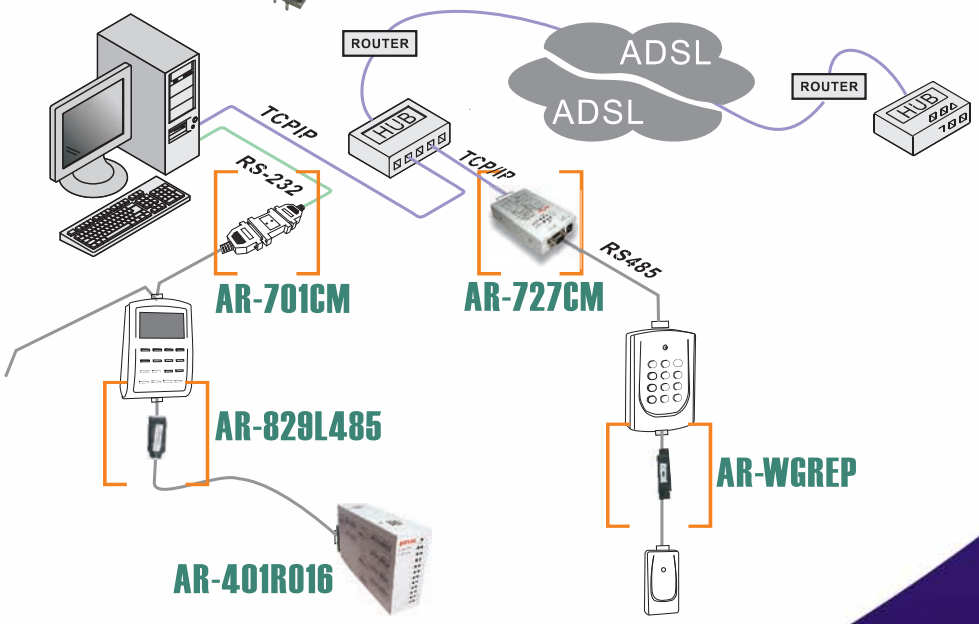
CONVERTERS & ACCESSORIES

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

Serial Device Network Module
AR-727i

Serial Device Network Server
AR-727CM

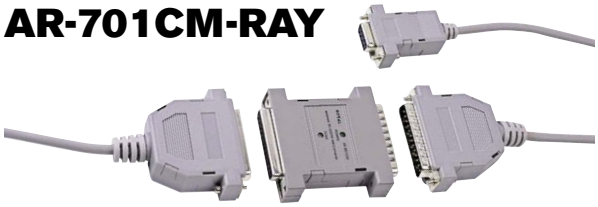


Serial Device Network Server
AR-727CM

- Built-in RS-232, RS-485 & Ethernet interface (AR-727i module).
- Built-in power and data transmission LED indicator for signal state.
- With software on CD-Rom.

Specification	
Model No.	AR-727CM
Converting Interface	10 Base T Ethernet / RS-232, RS-485
Baud Rate	4800bps - 57600bps
Power Requirement	9-24VDC
Power Consumption	<2W
Environment	−20°C to +75°C
Protocol	TCP/IP, ICMP, DHCP
Dimensions (mm)	110(H) x 62(W)x24(D)
Weight (g)	240±10
Housing Material	Metal

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



- Automatic data direction control.
- RS-232 powered from DTR, RTS (activation needed).
- Upto 32 units in RS-485 multi-door operation.
- Built-in power and data transmission LED indicator for signal state.
- With software on CD-Rom.

Specification	
Model No.	AR-701CM
Converting Interface	RS-232, RS-485
Power Requirement	9-24VDC
Power Consumption	<1.5W
Environment	−20°C to +75°C
Effective Range	2M (RS-232) / 300M (RS-485)
Optical Isolation	2KV
Dimensions (mm)	64(H) x 55(W)x16(D)
Weight (g)	40±5

Wiegand Repeater
AR-WGREP

Specification	
Model No.	AR-WGREP
Power Supply	12VDC / 5-7mA
Input 0-5V	Pulse 100-300µS
Output 0-5V	Pulse 220-420µS

USB to RS-485 Converter
AR-701CM-18

- With software on CD-Rom.

Specification	
Converting Interface	USB to RS-485, RS-485 to USB
Voltage	5VDC
Current	Initial 10mA / Hold 15mA
Operation Temperature	−20°C to +75°C
Dimensions (mm)	53(L)x25(W)x10(H)
Weight (g)	65

Serial Device Network Module
AR-727i

- Built-in Ethernet and TTL serial interface.
- TCP/IP, DHCP, ICMP and ARP supported.

Specification	
Model No.	AR-727i
Converting Interface	10 Base T Ethernet / UART (TTL)
Baud Rate	4800bps - 57600bps
Power Requirement	5VDC
Power Consumption	<0.5W
Environment	−20°C to +75°C
Protocol	TCP/IP, ICMP, DHCP
Dimensions (mm)	45(H) x 28(W)x14(D)
Weight (g)	15

TTL to RS-485 Signal Converter
AR-829L485

Specification	
Model No.	AR-829L485
Converting Interface	TTL, RS-485
Power Requirement	9-15VDC
Current	120mA
Environment	−20°C to +75°C
Effective Range	300M
Dimensions (mm)	52(H) x 14(W)x11(D)
Weight (g)	14

Relay Output Module
AR-821RB-18

- Relay has 1 Form C contact.
- Positive or Negative Trigger.
- Converts transistor signal to relay output.
- Built-in flywheel diode & contact surge protection.
- Built-in LED indication.

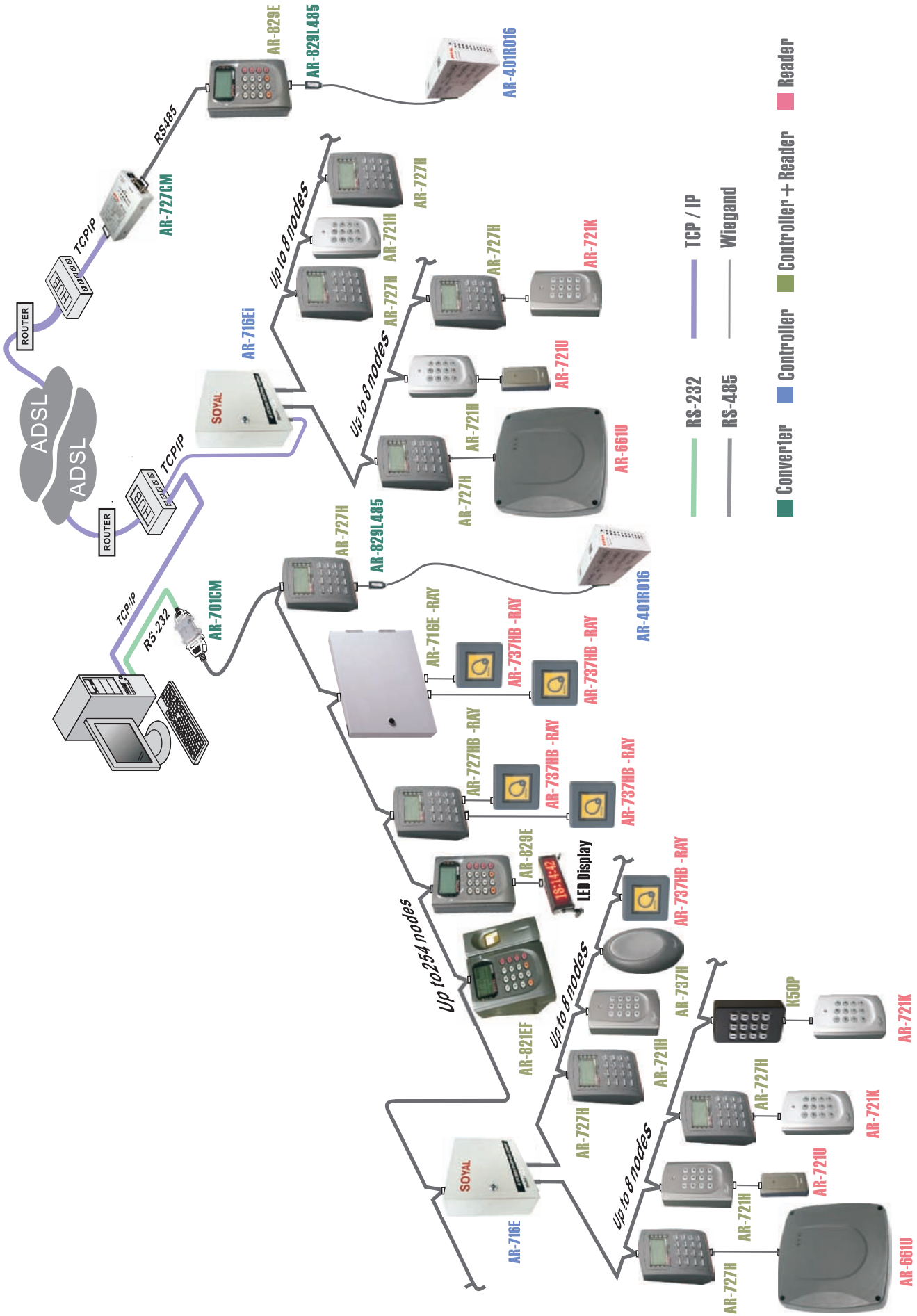
Specification	
Model No.	AR-821RB-18
Voltage	9-18V AC or DC
Output Contact	1 Form C, 7A 30VDC
Current	100mA
Operation Temperature	−20°C to +60°C
Dimension (mm)	20(D)x31(W)x47(H)

Zone Colours for
AR-737HB-RAY

- A range of colour stickers and matching colour covers to provide users with visual confirmation of 'Access Levels' by matching colour zones.

Token/Key Chain Colour Stickers (sheets of 20 stickers)	
AR-Black Sticker	for AR-Token/Key Chain, 20 per Sheet
AR-Red Sticker	for AR-Token/Key Chain, 20 per Sheet
AR-Blue Sticker	for AR-Token/Key Chain, 20 per Sheet
AR-White Sticker	for AR-Token/Key Chain, 20 per Sheet
AR-Grey Sticker	for AR-Token/Key Chain, 20 per Sheet
If using cards we recommend cards are printed with colours to match readers.	
Colour Covers (replaces standard grey cover)	
AR-Black Cover	for AR-737HB-RAY reader
AR-Red Cover	for AR-737HB-RAY reader
AR-Blue Cover	for AR-737HB-RAY reader
AR-White Cover	for AR-737HB-RAY reader
AR-Grey Cover	Supplied with AR-737HB-RAY as standard

SYSTEM ARCHITECTURE



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