

DAM-3210

Conversion from RS-232 to RS-485 Isolation Converter

- ※ Compatible with RS-232, RS-485TIA/EIA standard
- ※ Automatic send/receive data without external flow control signals (RTS), three-wire (TXD, RXD, GND) communication system
- ※ Communication Distance: 2.1Km/9600bps, 2.7Km/4800bps, 3.6Km/2400bps
- ※ Communication Rate: 300bps-115.2Kbps
- ※ Work Mode: asynchronous full-duplex (RS-485)
- ※ Transmission Media: twisted pair or shielded cable
- ※ Power Supply: unregulated +10VDC ~ +30VDC
- ※ Power consumption: 0.5W @ 24VDC
- ※ Operating Environment: -40°C to 85°C, relative humidity 5% to 95%
- ※ Support DOS/ WIN98/WIN95/WIN2000/ NT/ XP/Linux



DAM-3212

Conversion from RS-232 to RS-485/RS-422 Isolation Converter

- ※ Compatible with RS-232, RS-485TIA/EIA standard
- ※ Automatic send/receive data without external flow control signals (RTS), three-wire (TXD, RXD, GND) communication system
- ※ Communication Distance: 2.1Km/9600bps, 2.7Km/4800bps, 3.6Km/2400bps
- ※ Communication Rate: 300bps-115.2Kbps
- ※ Work Mode: asynchronous half-duplex (RS-485) or asynchronous full duplex (RS-422) general, no jumper settings
- ※ Transmission Media: twisted pair or shielded cable
- ※ Power Supply: unregulated +10VDC ~ +30VDC
- ※ Power consumption: 0.5W @ 24VDC
- ※ Operating Environment: -40°C to 85°C, relative humidity 5% to 95%
- ※ Support DOS/ WIN98/WIN95/WIN2000/ NT/ XP/Linux



DAM-3213

RS232 to TTL Converter

- ※ Compact, using DB9 connector.
- ※ Compatible with RS232, TIA/EIA standards and TTL interface.
- ※ Power Supply: a unique serial charge pump drive technology, no external power supply, the real three-wire (TXD.RXD.GND) system for communications, does not need to initialize the serial port.
- ※ Communication Speed: 300BPS-115.2KBPS.
- ※ Used for all communication software, plug and play.
- ※ Dimensions: 63mm × 33mm × 17mm
- ※ Operating Environment: -40°C ~ 85°C
- ※ Relative humidity: 5% ~95%
- ※ Support DOS/ WIN95/ WIN98/ WIN2000/ NT/ XP/ Linux, etc.



DAM-3215

RS232 Serial Optical Isolation

- ※ Interface: compatible with EIA RS-232 and CCITT V.24 asynchronous protocol
- ※ Transfer Mode: asynchronous full-duplex, transparent
- ※ Isolation Voltage: 500V or 2500V continuous pulse
- ※ Communication Speed: up to 38.4Kbps
- ※ Power: RS-232 port supplies power (TXD, RTS, or DTR)
- ※ Dimension: 63mm × 33mm × 17mm
- ※ Operating Environment: -40°C ~ 85°C
- ※ Relative humidity: 5% ~95%



DAM-3216

Conversion from RS-232 to RS-485 Industrial Compact Converter

- ※ Compact, using DB9 connector, with a terminal.
- ※ Compatible with RS232, RS-485 TIA/EIA standards.
- ※ Automatic send / receive data without external flow control signals (RTS)
- ※ Power Supply: a unique serial charge pump drive technology, no external power supply, the real three-wire (TXD.RXD.GND) system for communications, does not need to initialize the serial port.
- ※ Be able to connect up to 32 network devices
- ※ Communication Distance: 1,200 meters
- ※ Communication Speed: 300BPS-115.2KBPS.
- ※ Transmission Media: twisted pair or shielded cable
- ※ Working Mode: asynchronous full-duplex (RS-485)
- ※ Used for all communication software, plug and play.
- ※ Operating Environment: 0°C to 70°C, relative humidity 5% to 95%



DAM-3217

Conversion from RS-232 to RS-422 Industrial Compact Converter

- ※ Small in size, using DB9 connector, with a terminal.
- ※ Compatible with RS232, RS-485 TIA/EIA standards.
- ※ Automatic send / receive data without external flow control signals (RTS)
- ※ Power Supply: a unique serial charge pump drive technology, no external power supply, the real three-wire (TXD.RXD.GND) system for communications, does not need to initialize the serial port.
- ※ Be able to connect up to 32 network devices
- ※ Communication Distance: 1,200 meters
- ※ Communication Speed: 300BPS-115.2KBPS.
- ※ Transmission Media: twisted pair or shielded cable
- ※ Working Mode: asynchronous full-duplex (RS-422)
- ※ Used for all communication software, plug and play.
- ※ Operating Environment: 0°C to 70°C, relative humidity 5% to 95%
- ※ Support DOS/ WIN95/ WIN98/ WIN2000/ NT/ XP/ Linux and so on



DAM-3218

Conversion from RS-232 to RS-485/RS-422 Industrial Opto-isolated Converter

- ※ Compatible with RS-232, RS-485TIA/EIA standard
- ※ Automatic send/receive data without external flow control signals (RTS), three-wire (TXD, RXD, GND) communication system
- ※ Communication Speed: 300bps-115.2Kbps
- ※ Can connect with 128 RS-485 or RS-422 interface devices
- ※ Communication Distance: 5000m (9600bps)
- ※ Embedded conversion module, with four positioning holes
- ※ Working Mode: asynchronous half-duplex (RS-485) or asynchronous full-duplex (RS-422) universal, no jumper settings
- ※ Optical isolation (isolation voltage 2.5KVrms/500VDC insulation), specific DC/DC module, RS-485/422 provides 1500W each line lightning, surge, +/-15KV ESD protection and prevention common code interference
- ※ Transmission Media: twisted pair or shielded cable
- ※ Operating Environment: -40°C to 85°C, relative humidity 5% to 95%
- ※ Support DOS/ WIN98/WIN95/WIN2000/ NT/ XP/ Linux and so on



DAM-3219

Conversion from RS-485/422 to RS-485/422 Opto-isolated Trunk Module

- ※ Compatible with TIA/EIA 422/485 Standard
- ※ Automatic send / receive data without external flow control signals (RTS)
- ※ Communication Rate: 300BPS-115.2KBPS
- ※ Communication Distance: 5,000 m (9,600 bps)
- ※ Power and data flow indicator, the failure can be detected
- ※ Working Mode: asynchronous half-duplex (RS-485) or asynchronous full-duplex (RS-422) universal, no jumper settings
- ※ Isolation voltage 2500Vrms/500VDC insulation, use special DC/DC module
- ※ Interface Protection: 1500W lightning, surge protection, ±15KV ESD protection
- ※ Transmission Media: twisted pair or shielded cable
- ※ Operating Environment: -40°C to 85°C, relative humidity 5% to 95%
- ※ Used for all communication software, plug and play.
- ※ Support DOS/ WIN95/ WIN98/ WIN2000/ NT/ XP/ Linux and so on



DAM-3220

RS-485 Isolation Trunk Module

- ※ Compatible with RS-232, RS-485TIA/EIA standard
- ※ Automatic send/receive data without external flow control signals (RTS)
- ※ Communication Rate: 300bps-115.2Kbps
- ※ Communication Distance: 5,000 meters (9,600 bps)
- ※ Work Mode: asynchronous half-duplex (RS-485)
- ※ Optical isolation (isolation voltage 2.5KVrms/500VDC insulation), specific DC/DC module
- ※ ±15KV ESD protection and prevention common code interference
- ※ Transmission Media: twisted pair or shielded cable
- ※ Operating Environment: -40°C to 85°C, relative humidity 5% to 95%
- ※ Support DOS/ WIN98/WIN95/WIN2000/ NT/ XP/ Linux



DAM-3332

USB to RS-485/RS-422 High-speed Converter

- ※ Compatible with USBV1.1, EIA RS-485, RS-422 standard
- ※ Baud Rate: 300-921600bps, automatically detecting the serial signal rate
- ※ Interface Protection: surge protection, ±15000V ESD protection
- ※ Transmission Media: twisted pair or shielded cable
- ※ Transfer Rate: 921600bps to 300M, 38400bps to 2.4KM, 9600bps to 5KM
- ※ Operating Environment: -25°C to 70°C, relative humidity 5% to 95%
- ※ Support Windows95/98/2000/XP/ IMAG



DAM-3230

USB to RS-422/RS-485 Opto-isolated Converter

- ※ Input: USB standard, USB1.1, 1.0 standard, EIA RS-485, RS-422 standard, compatible with 2.0
- ※ Output: RS-422/RS-485 standard
- ※ Working Mode: asynchronous point to point, point to multipoint, 2-wire half-duplex, 4-wire full-duplex
- ※ Direction Control: automatic data flow control, distinguish and control data transfer direction automatically
- ※ Baud Rate: 300-115200bps
- ※ Load Capacity: in point to multipoint mode, for each converter, it allows to connect with 128 RS-422 or RS-485 interface devices
- ※ Transmission Distance: RS-485/422 is 5000 m (9600bps), USB port is not more than 5 m.
- ※ Interface Protection: 1500W lightning, surge protection, ±15KV ESD protection
- ※ Interface Type: USB Interface A-type (female), RJ-45 and DB9 male connector
- ※ Indicator: one power indicator (PWR), one sending indicator (TXD), and one receiving indicator (RXD)
- ※ Transmission Media: twisted pair or shielded cable
- ※ Transfer Rate: 115200bps to 300M, 38400bps to 2.4KM, 9600bps to 5KM
- ※ Communication Distance: 0-5000m (115200bps ~ 9600bps)
- ※ Operating Environment: -25°C to 75°C, relative humidity 5% to 95%



DAM-C3110

Isolation USB to CAN bus converter

- ※ PC interface: portable USB2.0 interface, compatible with USB1.1
- ※ Number of channels: 1 independent complete electrical isolated CAN channel
- ※ CAN protocol: support CAN 2.0B formal standard, compatible with CAN 2.0A
- ※ Support WIN2000/XP Operating system.
- ※ CAN Baud Rate: Programmable arbitrary set, in the range between 5Kbps ~ 1Mbps
- ※ CAN bus isolation: 2500VDC



DAM-3232

USB to RS-422/RS-485 High-speed Converter

- ※ Using DB9 connector
- ※ Compatible with USB (Universal Serial Bus) Rev: 1.1
- ※ Support RS-422/RS-485 interface
- ※ Data (TXD) automatic flow control, zero delay design
- ※ 1Mbps or more than 1Mbps data transfer rate
- ※ Support automatic handshake protocol
- ※ Support remote wake-up and power management
- ※ It can get the power from the USB bus, no external power supply
- ※ ±15KV ESD anti-static protection
- ※ Operating Environment: 0°C to 70°C, relative humidity 5% to 95%
- ※ Support Windows95/98/2000/XP/NT/IMAG



DAM-C3220

Opto-isolated CAN Bus Trunk Module

- ※ Voltage Input Range: +10V~+30V
- ※ Supports CAN2.0A and CAN2.0B protocol
- ※ Compatible with ISO 11898-2 protocol
- ※ Network Topology: tree, star
- ※ Communication Rate: up to 800Kbps
- ※ Signal Delay: 200ns
- ※ Drive Capacity: 100 nodes (each CAN interface)
- ※ Opto-isolation: 2500Vrms
- ※ Power Consumption: 2W (max)
- ※ Integrated terminal impedance 120R (can be removed by jumper)
- ※ Operating Environment: -25°C to 75°C, relative humidity 5% to 95%



DAM-3233

USB to RS-232 High-speed Converter

- ※ Compatible with USB (Universal Serial Bus) VER: 1.1
- ※ Support RS-232 interface
- ※ Transmission Rate: up to 1Mbps
- ※ Support automatic handshake protocol
- ※ Support remote wake-up and power management
- ※ Give the power by USB bus, without external power supply
- ※ Wire: 70cm long with magnetic filter interference shielding 64PIN
- ※ Transmission Distance: 5 m
- ※ Operating Environment: 0°C to 70°C, relative humidity 5% to 95%
- ※ Support Windows95/98/2000/XP/NT/ NT-IMAG



DAM-E3220

Serial Device Server

- ※ Network Ports: 10/100Base-T; RJ-45 Interface
- ※ Serial Ports: 1 RS-232, 1 RS-485, 1 RS-422
- ※ Transmission Speed: RS-232(300 bps ~115.2 Kbps)
RS-485/RS-422(300 bps ~230.4 Kbps)
- ※ Power Supply: +10VDC~+30VDC (no conditioning)





DAM-E3311

Optical Fiber to Ethernet Interface Converter

- ※ Network ports: 1-ch, 10/100Mbps, RJ-45 interface
- ※ Fiber interface: Multi-mode fiber
- ※ Transmission distance: Ethernet: 100m, Fiber: 2000m
- ※ Supports full/half duplex transmission
- ※ Supports MDI / MDIX auto crossover
- ※ Embedded switch control, with auto-negotiation function
- ※ Embedded memory buffer, supports store and forward transmission
- ※ Power supply: +10~+30V
- ※ Operating temperature: -10°C~65°C
- ※ Operating humidity: 20~95%(Non-condensing)
- ※ Power consumption: 3W



DAM-E3341

Ethernet Switch with Optical Interface

- ※ Network Port: four 10/100Mbps RJ-45 interface
- ※ Optical Interface: one 100Mbps multi-mode fiber, with Central Wavelength 1310nm, SC interface (ST interface can be customized)
- ※ Transmission Distance: Ethernet: 100m
Fiber: 2Km
- ※ Support full/half duplex transmission
- ※ Support Auto MDI/MDIX
- ※ Provide broadcast storm protection
- ※ Embedded switch control, auto-negotiation
- ※ Embedded memory buffer, support store and forward transmission
- ※ Assembly flexible : DIN rail, stack, panel mounting
- ※ Power Supply: +10~+30VDC
- ※ Operating Temperature: -10 ~ 65°C
- ※ Operating Humidity: 20 ~ 95% (non-condensing)
- ※ Power Consumption: 3W maximum



DAM-E3352

Five Interfaces Ethernet Switch with POE Function

- ※ Network ports: 5-ch, 10/100Mbps, RJ-45 interface
- ※ POE port: 2-ch, 10/100MBase-TX, with POE power supply function, compatible with the IEEE802.3af standard
- ※ LED displays: 8 (1 for power supply, 5 for RJ45, and 2 for POE)
- ※ Supports MDI / MDIX auto crossover
- ※ Power supply: +48~+60V
- ※ Operating temperature: -10°C~65°C
- ※ Operating humidity: 20~95% (non-condensed)
- ※ Power Consumption: 3W (without using POE power supply)
- ※ Each POE interface can max load 13W device