

UNOP-1628D/1618D

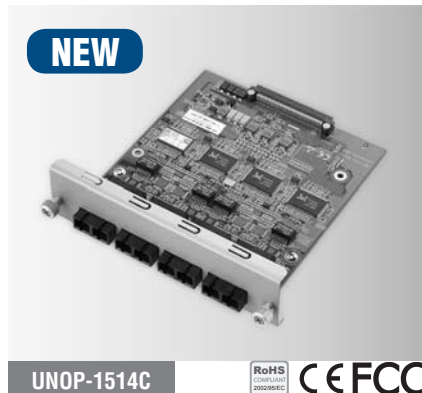
UNOP-1624D

UNOP-1514C

8-port RS-232/422/485 with and without port-to-port Isolation
4-port Isolated RS-232/422/485 with IRIG B

4-port Fiber Optic LAN Card

- 1 WebAccess Solution
- 2 Machine Automation
- 3 Hazardous Location Solutions
- 4 Substation Automation Gateways & RTUs
- 5 Building Automation Systems
- 6 Automation Software
- 7 Intelligent Operator Panels
- 8 Automation Panel PCs
- 9 Industrial Monitors
- 10 Industrial Ethernet Solutions
- 11 Serial Device Servers and IP Gateways
- 12 Serial Communication Cards
- 13 Embedded Automation Computers
- 14 Programmable Automation Controllers
- 15 M2M I/O Modules
- 16 FEMTO Controller
- 17 RS-485 I/O Modules
- 18 Ethernet I/O Modules



Specifications

General

- **Connector** 120-pin connector for UNO-4673A/PCI
- **Dimensions** 5.3" x 6.0" (136 x 150 mm)
- **Power Consumption** 5V ± 5% @ 620mA typical
3.3V ± 5% @ 75mA typical
CE/FCC
- **Certifications**

Communication

- **IRQ** All COM ports use the same IRQ assigned by PCI Bus
- **COM Ports** 8 x RS-232/422/485 ports
- **Data Bits** 5, 6, 7, 8
- **Stop Bits** 1, 1.5, 2
- **Parity** None, Even, Odd
- **Baud-rate (bps)** RS-232: 50 ~ 115.2 kbps
RS-422/485: 50 ~ 921.6 kbps (Max.)
- **Data Signals** TxD, RxD, RTS, CTS, RI, DSR, DTR, DCD, GND for RS-232
Data+, Data-, GND for RS-485
Tx+, Tx-, Rx+, Rx- for RS-422

Protection

- **Isolation Protection** 2000 V_{DC} (UNOP-1628D)

Environment

- **Operating Temp.** -20 ~ 70°C (-4 ~ 158°F)
- **Operating Humidity** 10 ~ 90% RH non-condensing (refer to IEC 60068-2-3)
- **Storage Humidity** 5 ~ 95% RH non-condensing (refer to IEC 60068-2-3)

Ordering Information

- **UNOP-1618D-AE** 8-port RS-232/422/485 for UNO-4673A
- **UNOP-1628D-AE** 8-port Iso. RS-232/422/485 for UNO-4673A

Specifications

General

- **Connector** 120-pin connector for UNO-4673A/PCI
- **Dimensions** 5.3" x 6.0" (136 x 150 mm)
- **Power Consumption** 5V ± 5% @ 500mA typical.
3.3V ± 5% @ 180mA typical.
CE/FCC
- **Certifications**

Communication

- **IRQ** All COM ports use the same IRQ assigned by PCI Bus
- **COM Ports** 4 x RS-232/422/485 ports
- **Baud rate (bps)** RS-232: 50 ~ 115.2 kbps
RS-422/485: 50 ~ 921.6 kbps (Max.)
- **Data Signals** TxD, RxD, RTS, CTS, RI, DSR, DTR, DCD, GND for RS-232
Data+, Data-, GND for RS-485
Tx+, Tx-, Rx+, Rx- for RS-422

IRIG Time Code Input

- **IRIG Interface** Male 9-pole D-Sub connector (COM4 or IRIG-B)
Fiber connector
Female BNC
- **ST Multi-Mode**
- **Input Signal** RS-422 input signal isolated by optocoupler
Optical signal @820nm; TTL
- **Supported Formats** IRIG-B according to IRIG STANDARD 200-04, 200-98

IRIG Time Code Output

- **IRIG Interface** Male 9-pole D-Sub connector (COM4 or IRIG-B)
Female BNC
- **Output Signal** RS-422 output signal; TTL

IRIG Time Code Decoding

- **Message syntax** YYYYYQQHHMMSS (yr, d, h, min, sec)
- **Resolution of the time** 1s
- **Status info** 1 status LED for indication

Protection

- **Isolation Protection** 2000 V_{DC}

Environment

- **Operating Temp.** -20 ~ 70°C (-4 ~ 158°F)
- **Operating Humidity** 10 ~ 90% RH non-condensing (refer to IEC 60068-2-3)
- **Storage Humidity** 5 ~ 95% RH non-condensing (refer to IEC 60068-2-3)

Ordering Information

- **UNOP-1624D-AE** 4-port Iso. RS-232/422/485 and IRIG B for UNO-4673A

Specifications

General

- **Connector** 120-pin connector for UNO-4673A/PCI
- **Dimensions** 5.3" x 6.0" (136 x 150 mm)
- **Power Consumption** 5V ± 5% @ 2000 (at least) mA
- **Certifications** CE/FCC

Fiber Optic LAN

- **Standard** IEEE 802.3, 802.3u, 802.3x
LAN 100Base-FX
Up to 2 km
- **Transmission Distance**
- **Wavelength** 1300 nm
- **Transmission Speed** Up to 100 Mbps

Interface

- **Connectors** 4 x SC type Multi-mode Fiber Optic connector
- **LED Indicators** Active, Link (100Base-FX)
- **Power Consumption** Max. 10W

Environment

- **Operating Temp.** -20 ~ 70°C (-4 ~ 158°F)
- **Operating Humidity** 10 ~ 90% RH noncondensing (refer to IEC 60068-2-3)
- **Storage Humidity** 5 ~ 95% RH non-condensing (refer to IEC 60068-2-3)

Ordering Information

- **UNOP-1514C-AE** 4-port Fiber Optic LAN Card for UNO-4673A