

UNOP-1618D/1628D 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



Specifications

General

- **Connector** 120-pin connector for UNO-4673A/PCI
- **Dimensions** 5.3" x 6.0" (136 x 150 mm)
- **Power Consumption** 5V $\pm 5\%$ @ 1.5A typical, 3.3V $\pm 5\%$ @ 150mA typical
- **Certifications** CE/FCC

Communication

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

Protection

- **Isolation Protection** 2500 V_{DC} (UNOP-1628D)
- **EFT Protection** 2500 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-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 $\pm 5\%$ @ 500mA typical, 3.3V $\pm 5\%$ @ 180mA typical
- **Certifications** CE/FCC

Communication

- **IRQ** All ports use the same IRQ assigned by PCI Bus
- **COM Ports** 4 ports RS-232/422/485
- **Data Bits** 5, 6, 7, 8
- **Stop Bits** 1, 1.5, 2
- **Parity** None, Even, Odd
- **Baud rate (bps)** 50 ~ 921.6 k (RS-422/485)
- **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 Electrical connectors** male 9-pole D-Sub connector
- **Supported Formats** IRIG-B00X according to IRIG STANDARD 200-04, 200-98
- **Input signal** RS485 input signal insulated by optocoupler Optical signal @820nm
- **Interface** RS-485 with DB9 and fiber optic with ST port

IRIG Time Code Decoding

- **Message syntax** QQQHMMSS (year, day, hour, minute & second)
- **Resolution of the time** 1s
- **Status info** 1 status LED for indication

Protection

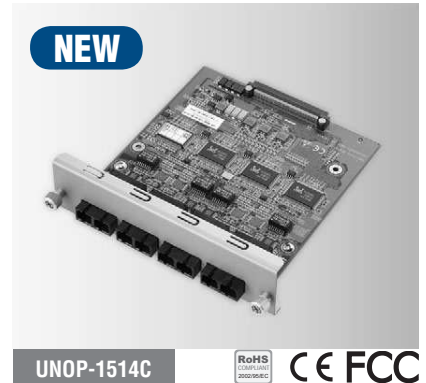
- **Isolation Protection** 2500 V_{DC}
- **EFT Protection** 2500 V_{DC}

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 $\pm 5\%$ @ 2500(at least) mA
- **Certifications** CE/FCC

Fiber Optic LAN

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

Interface

- **Connectors** 4 x SC type Multi-mode Fiber Optic connector
- **LED Indicators** Power, Link (100Base-FX)
- **Power Consumption** Max 9 W

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