



➤ *DAQ(NetEye) Series*

➤ *Embedded System*



DAQ(Data Acquisition) Series(1)

NetEye S1010ED

- 1 serial to 10/100Mbps Ethernet Converter.
- Supports RS232 mode only.
- Serial Interface
 - . Speed range ; 1200 ~ 115200 bps
 - . Data bit ; 8 bit
 - . Stop bit ; 1 bit
 - . Parity ; none, odd, even.
- DC Input Power ; DC5V ~ 7V (Max 200mA)
- Watchdog Enable/Disable.
- Support Setup & Simulator Program.



NetEye S1000ED

- 1 serial to 10/100Mbps Ethernet Converter.
- Supports RS232/RS422/RS485(piano switch).
- Serial Interface
 - . Speed range ; 1200 ~ 115200 bps
 - . Data bit ; 8 bit
 - . Stop bit ; 1 bit
 - . Parity ; none, odd, even
- DC Input Power ; DC5V ~ 7.5V (Max 200mA)
- Watchdog Enable/Disable.
- Support Setup & Simulator Program.



NetEye S1000EA

- 1 serial to 10/100Mbps Ethernet Converter.
- Supports RS232/RS422/RS485(piano switch).
- Serial Interface
 - . Speed range ; 1200 ~ 115200 bps
 - . Data bit ; 8 bit
 - . Stop bit ; 1 bit
 - . Parity ; none, odd, even
- Input Power ; AC110 ~ 220 free voltage.
- Watchdog Enable/Disable.
- Support Setup & Simulator Program.



NetEye S1204ED

- 4 serial to 10/100Mbps Ethernet Converter.
- Supports RS232/RS422/RS485(software selectable).
- Serial Interface
 - . Speed range ; 300 ~ 115200 bps
 - . Data bit ; 7,8 bit
 - . Stop bit ; 1, 1.5, 2 bit
 - . Parity ; none, odd, even
- DC Input Power ; DC5V ~ 7V (Max 600mA).
- Support Setup & Simulator Program.
- OS(Linux) Ported. (Programmable device)



NetEye S4101WD

- 1 serial to Wifi(802.11 b/g/n) Converter.
- Supports RS232 mode only.
- Serial Interface
 - . Speed range ; 1200 ~ 115200 bps
 - . Data bit ; 8 bit
 - . Stop bit ; 1 bit
 - . Parity ; none, odd, even
- DC Input Power ; DC5V ~ 7V (Max 700mA)
- 2dB External Antenna. (default)
- Web setup & Search Program.



DAQ(Data Acquisition) Series(2)



NetEye D1620ED

- DIDO to 10/100Mbps Ethernet Converter.
- Digital(Pulse) Input (6 port)
 - . Isolated by Photo coupler. (2500Vrms)
 - . Port1 ; Independent mode, Wet contact only.
 - . Port2~6 ; Common mode, Dry or Wet contact.
- Digital Output (2 port)
 - . Isolated by Photo Relay. (2500Vrms)
 - . Independent mode.
- DC Input Power ; DC5V ~ 7V (Max 250mA)
- Support Setup & Simulator Program.

NetEye D4620WD

- DIDO to Wifi(802.11 b/g/n) Converter.
- Digital Input (6 port)
 - . Isolated by Photo coupler. (2500Vrms)
 - . Port1 ; Independent mode, Wet contact only.
 - . Port2~6 ; Common mode, Dry or Wet contact.
- Digital Output (2 port)
 - . Isolated by Photo Relay. (2500Vrms)
 - . Independent mode.
- DC Input Power ; DC5V ~ 7V (Max 700mA)
- Web setup & Search Program.



NetEye D2220EA

- DIDO to 10Mbps Ethernet Converter.
- Digital(Pulse) Input (12 port)
 - . Isolated by Photo coupler. (2500Vrms)
 - . Independent mode. Wet contact only.
- Digital Output (2 port)
 - . Isolated by Photo Relay. (2500Vrms)
 - . Independent mode.
- Input Power ; AC110 ~ 220 free voltage.
- Support Setup & Simulator Program.
- OS(Linux) Ported. (Programmable device)

NetEye A3420ED

- AIDI to 10/100Mbps Ethernet Converter.
- Digital Input (2 port)
 - . Isolated by Photo coupler. (2500Vrms)
 - . Independent mode. Wet contact only.
- Analog Input(4 port)
 - . Differential mode & 12 bit Resolution.
 - . Input Condition ; 0 ~ 5VDC, 4~20mA
 - . Sampling rate ; 12 sample/total
- DC Input Power ; DC5V ~ 7V (Max 300mA)
- Support Setup & Simulator Program.



NetEye A4420WD

- AIDI to Wifi(802.11 b/g/n) Converter.
- Digital Input (2 port)
 - . Isolated by Photo coupler. (2500Vrms)
 - . Independent mode. Wet contact only.
- Analog Input(4 port)
 - . Differential mode & 12 bit Resolution.
 - . Input Condition ; 0 ~ 5VDC, 4~20mA
 - . Sampling rate ; 12 sample/total
- DC Input Power ; DC5V ~ 7V (Max 700mA)
- Web setup & Search Program.

DAQ(Data Acquisition) Series(3)

NetEye A3000EA

- AI to 10/100Mbps Ethernet Converter.
- Analog Input (16 port)
 - . Differential mode.
 - . Resolution ; 24 bit
 - . Accuracy ; 0.1%
 - . Input Condition ; $\pm 500\text{mV}$, $\pm 1\text{V}$, $\pm 5\text{V}$, $\pm 20\text{mA}$, 4~20mA
 - . Sampling rate ; 12 sample/total
 - . Input Impedance ; 20M ohm
- Input Power ; AC110 ~ 220 free voltage
- Support Setup & Simulator Program.



NetEye M5000WD

- Multi-function Programmable Device.
- Digital(Pulse) Input (2 port)
 - . Isolated by Photo coupler. (2500Vrms)
 - . Common mode. Wet contact only.
- Digital Output (1 port)
 - . Isolated by Photo Relay. (2500Vrms)
- Serial Interface (2 port)
 - . Speed range ; 1200 ~ 115200 bps
 - . Data bit ; 7,8 bit . Stop bit ; 1, 2 bit
 - . Parity ; none, odd, even
- System
 - . OS(Linux) Porting. (can be Programming)
 - . 10/100Mbps Ethernet 1 port.
 - . Wifi(802.11b/g/n) standard.
 - . Input Power ; DC5V
- Support Setup & Simulator Program.



NetEye M5100ED

- Multi-function Programmable Device.
- Analog Input (8 port)
 - . Differential mode.
 - . Resolution ; 24 bit & 0.1% Accuracy.
 - . Input Condition ; $\pm 5\text{V}$, 4~20mA
 - . Sampling rate ; 12 sample/total
- Digital(Pulse) Input (8 port)
 - . Isolated by Photo coupler. (2500Vrms)
 - . Independent mode. Wet contact only.
- Digital Output (8 port)
 - . Port1~4 ; Isolated by Photo Relay. (2500Vrms)
 - . Port5~8 ; Mechanical Relay, 250VAC/5A.
- Serial Interface (4 port)
 - . Speed range ; 1200 ~ 115200 bps
 - . Data bit ; 7,8 bit . Stop bit ; 1, 2 bit
 - . Parity ; none, odd, even
- System
 - . OS(Linux) Porting. (can be Programming)
 - . 10/100Mbps Ethernet 1 port.
 - . 4*20 Character LCD & 4 function key.
 - . Input Power ; AC110 ~ 220 free voltage
- Support Setup & Simulator Program.



NetEye N2001WD

- Wifi to Ethernet Bridge
- Wifi(802.11b/g/n) standard.
- 10/100Mbps Ethernet.
- Support Setup & Simulator Program.
- Input Power ; DC5V



DAQ(Data Acquisition) Selection Guide

Model (NetEye)	Uplink	Downlink				Comment
		Serial	Digital Input	Digital Output	Analog Input	
<i>S1000ED(A)</i>	Ethernet	1	-	-	-	RS232/422/485
<i>S1010ED</i>	Ethernet	1				RS232 only
<i>S4101WD</i>	Wifi	1	-	-	-	RS232 only
<i>S1204ED</i>	Ethernet	4	-	-	-	RS232/422/485
<i>D1620ED</i>	Ethernet	-	6	2	-	dry or wet
<i>D4620WD</i>	Wifi	-	6	2	-	dry or wet
<i>D2220EA</i>	Ethernet	1	12	4		wet only, Programmable
<i>A3420ED</i>	Ethernet	-	2	-	4	Differential
<i>A4420WD</i>	Wifi	-	2	-	4	Differential
<i>A3000EA</i>	Ethernet	-	-	-	16	Differential
<i>M5000WD</i>	Wifi	4	8	8	8	Programmable
<i>M5100ED</i>	Wired	4	8	8	8	MMC, Programmable
<i>B2220WD</i>	Ethernet/Wifi	2	8/12/16	8/4/0	-	Box type
<i>N20001WD</i>	Wifi	Ethernet				Bridge