

NetEye

S1010ED

1 serial to Ethernet

S1010ED is IEEE802.3 network access devices.

S1010ED is 1 serial to 10/100Mbps Standard Ethernet Converter.

S1010ED supports only RS232, N, 8, 1.

S1010ED is very small size.



APPLICATION FIELDS

Factory Automation solution

Building Automation solution

Electrical Monitoring solution

SCADA solution

Subway solution

PLC, Indicator etc.. solution

Machine Control and Machine Monitoring

Home Automation solution

UPS/ Intelligent Rectifier solution

Power Supply Supervisory System

Industrial machine LAN/Web connection

NetEye

S1010ED Specification

Item	Description
System	➤ CPU ; 8-Bit Micro Controller. ➤ Memory - . 64Kbytes Flash (Program Memory) - . 64KBytes SRAM (Data Memory) ➤ Watchdog (on/off selected by jumper)
Network Interface	10/100 Base-T Ethernet Interface (IEEE 802.3) Auto detection
Network Protocol	TCP/UDP/IP/ICMP/ARP, IEEE802.3(Standard Ethernet)
Serial Interface	➤ Speed : 1200 ~ 115200 bps ➤ Data bit : 8bit ➤ Parity : None, odd, even ➤ Stop bit : 1 bit ➤ Serial mode : RS232 only
Indicators	➤ PWR(red) : On when 5VDC is supplied ➤ TCP(Orange) :On when TCP connection is established ➤ LAN(green) : Blinking when data are transmitted to 100M Ethernet
Utility Software	➤ NetEye Setup Program (Windows XP/2000/7) ➤ NetEye Search, IP Setup, Built-In on Network. ➤ Simulator:Test Result Display Demo Program
Environments	➤ Input Current : max 200mA ➤ Input Power : DC7V (S1000ED), AC100~240V(S1000EA) ➤ Humidity : 0 ~ 95% ➤ Operating Temperature : 0 ~ 50 ° C ➤ Storage Temperature : -20 ~ 70 ° C
Dimension	➤ S1000ED ; 100(W)x56(D)x27(H)mm ➤ S1000EA ; 109(W)x141(D)x38(H)mm

Ordering Information

S1010ED - 1 serial to Ethernet Converter (RS232, N, 8, 1 only)

Homepage : <http://www.netisit.com> 031-387-1988
Sales Support : netisit@netisit.com
Technical Support : lgk@netisit.com
Address : Anyang K-center 1002!1003, 1591-9 Gwanyang-dong,
Dongan-gu, Anyang-si, Gyeonggi-do, Korea Zip 431-815



NetEye

S1000ED(A)

1 serial to Ethernet

S1000ED/S1000EA is IEEE802.3 network access devices.

S1000ED/S1000EA is 1 serial to 10/100Mbps Standard Ethernet Converter.

S1000ED/S1000EA supports RS232/RS422/RS485

S1000ED ; DC 7V (use adaptor)

S1000EA ; AC100~AC240 free voltage



APPLICATION FIELDS

Factory Automation solution
Building Automation solution
Electrical Monitoring solution
SCADA solution
Subway solution
PLC, Indicator etc.. solution
Machine Control and Machine Monitoring
Home Automation solution
UPS/ Intelligent Rectifier solution
Power Supply Supervisory System
Industrial machine LAN/Web connection

NetEye

S1000ED(A) Specification

Item	Description
System	➤ CPU ; 8-Bit Micro Controller. ➤ Memory - . 64Kbytes Flash (Program Memory) - . 64KBytes SRAM (Data Memory) ➤ Watchdog (on/off selected by jumper)
Network Interface	10/100 Base-T Ethernet Interface (IEEE 802.3) Auto detection
Network Protocol	TCP/UDP/IP/ICMP/ARP, IEEE802.3(Standard Ethernet)
Serial Interface	➤ Speed : 1200 ~ 115200 bps ➤ Data bit : 8bit ➤ Parity : None, odd, even ➤ Stop bit : 1 bit ➤ Serial mode : RS232, RS422, RS485 (selected by piano switch)
Indicators	➤ TX(green) : Blinking when data are transmitted to Ethernet ➤ RX(green) : Blinking when data are received to Ethernet ➤ CD(yellow) : On when collision happens. ➤ TCP(Orange) :On when TCP connection is established.
Utility Software	➤ NetEye Setup Program (Windows XP/2000/7) ➤ NetEye Search, IP Setup, Built-In on Network. ➤ Simulator:Test Result Display Demo Program
Environments	➤ Input Current : max 200mA ➤ Input Power : DC7V (S1000ED), AC100~240V(S1000EA) ➤ Humidity : 0 ~ 95% ➤ Operating Temperature : 0 ~ 50 ° C ➤ Storage Temperature : -20 ~ 70 ° C
Dimension	➤ S1000ED ; 100(W)x56(D)x27(H)mm ➤ S1000EA ; 109(W)x141(D)x38(H)mm

Ordering Information

S1000ED - 1 serial to Ethernet Converter (RS232/422/485, DC7V)

S1000EA - 1 serial to Ethernet Converter (RS232/422/485, AC100V~AC240V, 50/60Hz)

Homepage

: <http://www.netisit.com> 031-387-1988

Sales Support

: netisit@netisit.com

Technical Support

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Address

: Anyang K-center 1002!1003, 1591-9 Gwanyang-dong,
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NetEye

S1204ED

4 Serial to Ethernet

S1204ED series are internet (network) access devices.

S1204ED is 4 serial to Ethernet Converter.
It supports 100Mbps standard Ethernet.



NetEye S1204ED

APPLICATION FIELDS

Factory Automation solution
Building Automation solution
Electrical Monitoring solution
SCADA monitoring solution
Subway Monitoring solution
PLC, Indicator etc.. solution
Machine Control and Machine Monitoring
Home Automation solution
UPS/ Intelligent Rectifier solution
Power Supply Supervisory System
Industrial machine LAN/Web connection

NetEye S1204ED Specification

Item	Description
CPU	➤ 32-Bit Micro Controller, 400MHz ➤ Programmable device.
Memory	➤ 32Mbytes Flash ➤ 32Mbytes SRAM (PC100)
Network Interface	100 Base-T Ethernet Interface (IEEE 802.3)
Network Protocol	➤ TCP/UDP/IP/ICMP/ARP ➤ TCP Server/Client, TELNET, FTP
Serial Interface	➤ Port ; 4 port ➤ Speed : 2400 ~ 115200bps ➤ Data bit : 7, 8bit ➤ Parity : even, odd, none ➤ stop bit : 1,1.5, 2 stop bit ➤ Hardware Handshaking RTS/CTS support ➤ selected RS232, RS422, RS485 by setup program.
Indicator	➤ PWR(Red) : It lights on when Power is On ➤ LINK (Green) : On when LAN cable is connected. ➤ LAN (Green) : Blinking when data are Transmite and received from Ethernet ➤ TCP1(Orange) : TCP establishment for serial 1 ➤ TCP2(Orange) : TCP establishment for serial 2 ➤ TCP3(Orange) : TCP establishment for serial 3 ➤ TCP4(Orange) : TCP establishment for serial 4
Utility Software	➤ NetEye Setup Program (Windows XP/2000/7) ➤ NetEye Search, IP Setup, Built-In on Network. ➤ Simulator:Test Result Display Demo Program
Environments	➤ Input Current : max 1A ➤ Input Voltage : DC 7V (adapter) ➤ Humidity : 0 ~ 95% ➤ Operating Temperature : 0 ~ 50 ° C ➤ Storage Temperature : -20 ~ 70 ° C
Dimension	100(W)x170(D)x30(H)mm

Ordering Information

S1204ED : 4 serial to ethernet device.

Homepage : <http://www.netisit.com> 031-387-1988
 Sales Support : netisit@netisit.com
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 Dongan-gu, Anyang-si, Gyeonggi-do, Korea Zip 431-815



NetEye

D2220EA

12 DI, 4DO, 1 Serial to Ethernet

D2220EA are internet (network) access devices.

D2220EA is a DIDO to Ethernet Converter.

D2220EA has 12Digital Input (12 counter Included) channels and 4 Digital Output channels and 1 serial port.

You can handle DIDO data through general TCP/IP Ethernet network.

It supports 10Mbps standard ethernet.



APPLICATION FIELDS

Factory Automation
Building Automation
Electrical Monitoring
SCADA
Subway
Electrical Diesel Generators
Electrical Transfer Switch
PLC, Indicator etc..
Machine Control and Machine Monitoring
Home Automation
UPS/ Intelligent Rectifier
Power Supply Supervisory System
Industrial machine LAN/Web connection

NetEye

D2220EA Specification

Item	Description
CPU	32-Bit Micro Controller, 400MHz
Memory	16Mbytes Flash 32Mbytes SRAM (PC100)
Network Interface	10 Base-T Ethernet Interface (IEEE 802.3)
Network Protocol	TCP/UDP/IP/ICMP/ARP TCP Server/Client, TELNET, FTP
Digital Input Digital Output Interface	▶ Isolated Digital Input 12 Channel (-50~50VDC) ▶ Isolated Pulse Input 12 Channel (-50~50VDC) 12 independent 32bit counter (none-volatile) ▶ Isolated Digital Output 4 Channel (photo relay - 600mA max) ▶ Sink current 200mA Max ▶ Isolation Voltage: 2500Vrms ▶ Input resistance : 2.4KOhm @0.5w (for digital Input/ pulse Input)
Serial Interface	1 Serial Port (RS232) ▶ Baud rate : 1200 ~115200bps ▶ Data bit : 8 ▶ Parity : even, odd, none ▶ Stop bit : 1
Indicator	▶ LINK (Green) : On when LAN cable is connected. ▶ LAN (green) : Blinking when data are received from Ethernet ▶ ST (Yellow) : On when system error happens ▶ TCP(Orange) : On when TCP connection is established
Utility Software	NetEye Setup Program (Windows XP/2000/7) NetEye Search, IP Setup, Built-In on Network. Simulator: Test Result Display Demo Program
Environments	▶ Input Current : max 1A ▶ Input Voltage : AC 100V~240V, 50/60Hz ▶ Humidity : 0 ~ 95% ▶ Operating Temperature : 0 ~ 50 °C ▶ Storage Temperature : -20 ~ 70 °C
Dimension	170(W)x102(D)x40(H)mm

Ordering Information

D2220EA - Digital Input/ Digital Output to Ethernet device.

Homepage : <http://www.netisit.com> 031-387-1988
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NetEye

D1620ED

6DI, 2DO to Ethernet

D1620ED series are internet (network) access devices.

D1620ED is a DIDO to Ethernet Converter.

It has 6Digital Input (6 counter Included) channels and 2 Digital Output channels.

You can handle DIDO data through general TCP/IP Ethernet network.

It supports 10M/100Mbps standard ethernet.



APPLICATION FIELDS

Factory Automation
Building Automation
Electrical Monitoring
SCADA
Subway
Electrical Diesel Generators
Electrical Transfer Switch
PLC, Indicator etc..
Machine Control and Machine Monitoring
Home Automation
UPS/ Intelligent Rectifier
Power Supply Supervisory System
Industrial machine LAN/Web connection

NetEye

D1620ED Specification

Item	NetEye D1620ED
CPU	8-Bit Micro Controller
Memory	64Kbytes Code Memory 64Kbytes Data Memory
Network Interface	10/100 Base-T Ethernet Interface (IEEE 802.3)
Network Protocol	TCP/UDP/IP/ICMP/ARP/ IEEE802.3(Standard Ethernet)
Device ability	TCP Server
Digital Input Interface	➤ Isolated Digital(pulse) Input 6 Channel (-50 ~ 50VDC) ➤ Ch#1 ; Independent mode Throughput or Highspeed mode Level mode only ➤ Ch#2 ~ Ch1#6 ; Common mode Throughput mode only Level or Dry mode ➤ Isolation Voltage: 2500Vrms ➤ Input resistance : 2.4k @ 0.5w (for digital Input/ pulse Input)
Digital Output Interface	➤ Isolated Independent mode Digital Output 2 Channel. ➤ Photo Relay. Max 600mA. ➤ Isolation Voltage: 2500Vrms
Indicator	➤ RUN(Red) : Blink when system status is good. ➤ TCP(Orange) : It lights on when TCP Socket connected. ➤ LINK(Green) : It lights on when connected LAN cable. ➤ TX(Green) : It lights on when LAN Data Transmisson. ➤ RX(Yellow) : It lights on when LAN Data Received. ➤ Lev(Red) : It lights on when selected level mode. ➤ DI1~6(Green) : It lights on when received active signal DI port. ➤ DO1,2(Red) : It lights on when controlled DO port on state.
Utility Software	➤ NetEyeD1620ED Setup Program (Windows 98/ME/NT/2000/XT) ➤ NetEyeD1620ED Search, IP Setup, Built-In on Network. ➤ Simulator:Test result display demo program.
Environments	➤ Input Current : max 250mA ➤ Input Voltage : 5VDC adapter ➤ Humidity : 0 ~ 95% ➤ Storage Temperature : -20 ~ 70 ° C ➤ Operating Temperature : 0 ~ 50 ° C
Dimension	98mm(W) * 130mm(H) * 33mm(D)

Ordering Information

D1620ED ; Digital Input/ Digital Output to Ethernet device.

Homepage : <http://www.netisit.com> 031-387-1988
 Sales Support : netisit@netisit.com
 Technical Support : lgk@netisit.com
 Address : Anyang K-center 1002!1003, 1591-9 Gwanyang-dong,
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NetEye

D4620WD

6DI, 2DO to Wireless

D4620WD series are internet (network) access devices.

D4620WD is a DIDO to Wireless Converter.

It has 6Digital Input (6 counter Included) channels and 2 Digital Output channels.

You can handle DIDO data through general TCP/IP wireless network.

It supports 802.11b/g/n standard network



APPLICATION FIELDS

Factory Automation
Building Automation
Electrical Monitoring
SCADA
Subway
Electrical Diesel Generators
Electrical Transfer Switch
PLC, Indicator etc..
Machine Control and Machine Monitoring
Home Automation
UPS/ Intelligent Rectifier
Power Supply Supervisory System
Industrial machine LAN/Web connection

NetEye

D4620WD Specification

Item	NetEye D4620WD
CPU	8-Bit Micro Controller, 88.4736Mhz
Memory	64Kbytes Code Memory 64Kbytes Data Memory
Network Interface	Wired Interface ➤ 100 Base-T Ethernet Interface (IEEE 802.3) Wireless Interface ➤ 802.11b/g/n standard. ➤ Antenna : 50ohm external antenna ➤ Tx power : typical 14dBm (max 17dBm) ➤ Rx sensitivity : -89dBm(@11Mbps), -74dBm(@54Mbps), -66dBm(@150Mbps)
Network Protocol	TCP/UDP/IP/ICMP/ARP/ IEEE802.3(Standard Ethernet)
Device ability	TCP Server
Digital Input Interface	➤ Isolated Digital(pulse) Input 6 Channel (-50 ~ 50VDC) ➤ Ch#1 ; Independent mode, Level mode only Throughput or Highspeed mode ➤ Ch#2 ~ Ch1#6 ; Common mode, Level or Dry mode Throughput mode only ➤ Isolation Voltage: 2500Vrms ➤ Input resistance : 2.4k @ 0.5w (for digital Input/ pulse Input)
Digital Output Interface	➤ Isolated Independent mode Digital Output 2 Channel. ➤ Photo Relay. Max 600mA. ➤ Isolation Voltage: 2500Vrms
Indicator	➤ RUN(Red) : Blink when system status is good. ➤ TCP(Orange) : It lights on when TCP Socket connected. ➤ LINK(Green) : It lights on when connected LAN cable. ➤ TX(Green) : It lights on when LAN Data Transmisson. ➤ RX(Yellow) : It lights on when LAN Data Received. ➤ Lev(Red) : It lights on when selected level mode. ➤ DI1~6(Green) : It lights on when received active signal DI port. ➤ DO1,2(Red) : It lights on when controlled DO port on state.
Utility Software	➤ Web Setup (Windows 98/ME/NT/2000/XT) ➤ Simulator:Test result display demo program.
Environments	➤ Input Current : max 700mA ➤ Input Voltage : 5VDC adapter ➤ Storage Temperature : -20 ~ 70 ° C ➤ Operating Temperature : 0 ~ 50 ° C
Dimension	98mm(W) * 130mm(H) * 33mm(D)

Ordering Information

D4620WD : Digital Input/ Digital Output to wireless device.

Homepage

: <http://www.netisit.com> 031-387-1988

Sales Support

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Technical Support

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NetEye

A3420ED

4AI, 2DI to Ethernet

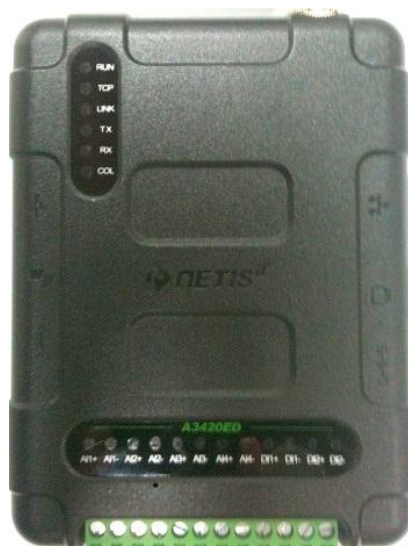
A3420ED series are internet (network) access devices.

A3420ED is an Analog Input, Digital Input to Ethernet Converter.

It has 4 differential analog input & 2 differential digital input channels.

You can handle analog & digital input data through general TCP/IP Ethernet network.

It supports 10/100Mbps standard Ethernet.



APPLICATION FIELDS

Factory Automation
Building Automation
Electrical Monitoring
SCADA
Subway
Electrical Diesel Generators
Electrical Transfer Switch
PLC, Indicator etc..
Machine Control and Machine Monitoring
Home Automation
UPS/ Intelligent Rectifier
Power Supply Supervisory System
Industrial machine LAN/Web connection



NetEye A3420ED Specification

Item	NetEye A3420ED
CPU	8-Bit Micro Controller, 88.4736Mhz
Memory	64Kbytes Code Memory 64Kbytes Data Memory
Network Interface	10 / 100 Base-T Ethernet Interface (IEEE 802.3)
Network Protocol	TCP/UDP/IP/ICMP/ARP/ IEEE802.3(Standard Ethernet)
Device ability	TCP Server
Analog Input Interface	➤ Differential mode analog input 4 channel ➤ Input condition ; 4 ~ 20mA, 0 ~ 5VDC ➤ Converting resolution ; 12 bit ➤ Sampling rate per 1 second ; 3 sample/channel
Digital Input Interface	➤ Isolated Digital(pulse) Input 2 Channel (-50 ~ 50VDC) ➤ Level mode only ➤ Isolation Voltage: 2500Vrms ➤ Input resistance : 2.4k @ 0.5w (for digital Input/ pulse Input)
Digital Output Interface	➤ Isolated Independent mode Digital Output 2 Channel. (option) ➤ Photo Relay. Max 600mA. ➤ Isolation Voltage: 2500Vrms
Indicator	➤ RUN(Red) : Blink when system status is good. ➤ TCP(Orange) : It lights on when TCP Socket connected. ➤ LINK(Green) : It lights on when connected LAN cable. ➤ TX(Green) : It lights on when LAN Data Transmisson. ➤ RX(Yellow) : It lights on when LAN Data Received. ➤ STS(Red) : It lights on when selected level mode. ➤ DI1,2(Green) : It lights on when received active signal DI port.
Utility Software	➤ NetEyeA3420ED Setup Program (Windows 98/ME/NT/2000/XT) ➤ NetEyeA3420ED Search, IP Setup, Built-In on Network. ➤ Simulator:Test result display demo program.
Environments	➤ Input Current : max 300mA ➤ Input Voltage : 5VDC adapter ➤ Humidity : 0 ~ 95% ➤ Storage Temperature : -20 ~ 70 ° C ➤ Operating Temperature : 0 ~ 50 ° C
Dimension	98mm(W) * 130mm(H) * 33mm(D)

Ordering Information

A3420ED ; differential 4 channels Analog Input, DI 2 channels to Ethernet device

Homepage : <http://www.netisit.com> 031-387-1988
 Sales Support : netisit@netisit.com 010-3703-7104
 Technical Support : lgk@netisit.com 010-9685-2425
 Address : Anyang K-center 1002!1003, 1591-9 Gwanyang-dong,
 Dongan-gu, Anyang-si, Gyeonggi-do, Korea Zip 431-815



NetEye

A4420WD

4AI, 2DI to Wireless

A4420WD series are internet (network) access devices.

A4420WD is an Analog Input, Digital Input to Wireless Converter.

It has 4 differential analog input & 2 differential digital input channels.

You can handle analog & digital input data through general TCP/IP wireless network.

It supports 802.11b/g /n standard network



APPLICATION FIELDS

Factory Automation
Building Automation
Electrical Monitoring
SCADA
Subway
Electrical Diesel Generators
Electrical Transfer Switch
PLC, Indicator etc..
Machine Control and Machine Monitoring
Home Automation
UPS/ Intelligent Rectifier
Power Supply Supervisory System
Industrial machine LAN/Web connection



NetEye A4420WD Specification

Item	NetEye A4420WD
CPU	8-Bit Micro Controller, 88.4736Mhz
Memory	64Kbytes Code Memory 64Kbytes Data Memory
Network Interface	Wired Interface ➤ 100 Base-T Ethernet Interface (IEEE 802.3) Wireless Interface ➤ 802.11b/g/n standard. ➤ Antenna : 50ohm external antenna ➤ Tx power : typical 14dBm (max 17dBm) ➤ Rx sensitivity : -89dBm(@11Mbps), -74dBm(@54Mbps), -66dBm(@150Mbps)
Network Protocol	TCP/UDP/IP/ICMP/ARP/ IEEE802.3(Standard Ethernet)
Device ability	TCP Server
Analog Input Interface	➤ Differential mode analog input 4 channel ➤ Input condition ; 4 ~ 20mA, 0 ~ 5VDC ➤ Converting resolution ; 12 bit ➤ Sampling rate per 1 second ; 3 sample/channel
Digital Input Interface	➤ Isolated Digital(pulse) Input 2 Channel (-50 ~ 50VDC) ➤ Level mode only ➤ Isolation Voltage: 2500Vrms ➤ Input resistance : 2.4k @ 0.5w (for digital Input/ pulse Input)
Digital Output Interface	➤ Isolated Independent mode Digital Output 2 Channel. (option) ➤ Photo Relay. Max 600mA. ➤ Isolation Voltage: 2500Vrms
Indicator	➤ RUN(Red) : Blink when system status is good. ➤ TCP(Orange) : It lights on when TCP Socket connected. ➤ LINK(Green) : It lights on when connected LAN cable. ➤ TX(Green) : It lights on when LAN Data Transmisson. ➤ RX(Yellow) : It lights on when LAN Data Received. ➤ Lev(Red) : It lights on when selected level mode. ➤ DI1~2(Green) : It lights on when received active signal DI port.
Utility Software	➤ Web setup (Windows 98/ME/NT/2000/XT) ➤ Simulator:Test result display demo program.
Environments	➤ Input Current : max 700mA ➤ Input Voltage : 5VDC adapter ➤ Storage Temperature : -20 ~ 70 ° C ➤ Operating Temperature : 0 ~ 50 ° C
Dimension	98mm(W) * 130mm(H) * 33mm(D)

Ordering Information

A4420WD ; differential 4 Analog Input channels, DI 2 channels to wireless device

Homepage : <http://www.netisit.com> 031-387-1988
 Sales Support : netisit@netisit.com
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 Dongan-gu, Anyang-si, Gyeonggi-do, Korea Zip 431-815



NetEye

S4101WD

1 Serial to Wireless

S4101WD is IEEE802.11b/g/n network access devices.
S4101WD is 1 serial to wireless LAN Converter.
S4101WD supports RS232/RS422/RS485
S4101WD is very small size.



APPLICATION FIELDS

Factory Automation solution
Building Automation solution
Electrical Monitoring solution
SCADA solution
Subway solution
PLC, Indicator etc.. solution
Machine Control and Machine Monitoring
Home Automation solution
UPS/ Intelligent Rectifier solution
Power Supply Supervisory System
Industrial machine LAN/Web connection

NetEye S4101WD Specification

Item	Description
CPU	32-bit, 250MHz
Serial Interface	1 Serial Port (RS232 or RS422) ➤ Speed : 2400 ~ 115200bps ➤ Data bit : 7,8 bit ➤ Parity : none, odd, even ➤ stop bit : 1, 2 stop bit
Network Protocol	TCP/UDP/IP/ICMP/ARP/BOOTP/TFTP
Device ability	TCP Server/Client, DHCP, SMTP client
Network Interface	Wired Interface ➤ 100 Base-T Ethernet Interface (IEEE 802.3) Wireless Interface ➤ 802.11b/g/n standard. ➤ Antenna : 50ohm external antenna ➤ Tx power : typical 14dBm (max 17dBm) ➤ Rx sensitivity : -89dBm(@11Mbps), -74dBm(@54Mbps), -66dBm(@150Mbps)
Indicator	➤ PWR(Red) : It lights on when Power is On ➤ WLS(Green) : Indicating wireless LAN status On- Client can communicate with AP ➤ TRX(Orange) : It light on when transmit & receive serial data.
Utility Software	➤ Web Setup (Windows XP/2000/7) ➤ NetEye Search, IP Setup, Built-In on Network. ➤ Simulator:Test Result Display Demo Program
Environments	➤ Input Current : max 700mA ➤ Input Voltage : DC5V ➤ Humidity : 0 ~ 95% ➤ Operating Temperature : 0 ~ 50 ° C ➤ Storage Temperature : -20 ~ 70 ° C
Dimension	93(W)x88(D)x25(H)mm

Ordering Information

S4101WD : 1 serial to Wireless Converter (RS232/RS422/RS485)

Homepage : <http://www.netisit.com> 031-387-1988
 Sales Support : netisit@netisit.com
 Technical Support : lgk@netisit.com
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NetEye

M5000WD

2Serial, 2DI, 1DO to Wireless

Programmable device

M5000WD series are internet (network) access devices.

M5000WD is Serial/DIDO to Wireless Converter.

It has 2 Serial, 2 Digital Input and 1 Digital Output channels.

You can handle Serial/DIDO data through general TCP/IP wireless network.

It supports 802.11b/g/n standard network



APPLICATION FIELDS

Factory Automation
Building Automation
Electrical Monitoring
SCADA
Subway
Electrical Diesel Generators
Electrical Transfer Switch
PLC, Indicator etc..
Machine Control and Machine Monitoring
Home Automation
UPS/ Intelligent Rectifier
Power Supply Supervisory System
Industrial machine LAN/Web connection

NetEye

M5000WD Specification

Item	NetEye M5000WD
CPU	➤ 32-Bit Micro Controller, 400MHz ➤ Programmable device.
Memory	➤ 32Mbytes Flash ➤ 32Mbytes SRAM (PC100)
Network Interface	Wired Interface ➤ 100 Base-T Ethernet Interface (IEEE 802.3) Wireless Interface ➤ 802.11b/g/n standard. ➤ Antenna : 50ohm external antenna ➤ Tx power : typical 14dBm (max 17dBm) ➤ Rx sensitivity : -89dBm(@11Mbps), -74dBm(@54Mbps), -66dBm(@150Mbps)
Network Protocol	TCP/UDP/IP/ICMP/ARP/ IEEE802.3(Standard Ethernet)
Device ability	TCP Server/Client
Serial Interface	➤ Port ; RS232 - 1 port, RS232/422/485 - 1 port ➤ Speed : 4800 ~ 115200bps ➤ Data bit : 8bit ➤ Parity : even, odd, none ➤ stop bit : 1 stop bit
Digital Input Interface	➤ Isolated Digital(pulse) Input 2 Channel (-50 ~ 50VDC) ➤ Counter ; detect 1 msec duty cycle. ➤ Isolation Voltage: 2500Vrms ➤ Input resistance : 2.4k @ 0.5w (for digital Input/ pulse Input)
Digital Output Interface	➤ Isolated Digital Output 1 Channel. ➤ Photo Relay. Max 600mA. ➤ Isolation Voltage: 2500Vrms
Indicator	➤ RUN(Red) : Blink when system status is good. ➤ WLS(Yellow) : It lights on when Client can communicate with AP. ➤ LINK(Green) : It lights on when connected LAN cable. ➤ TCP(Orange) : It lights on when TCP Socket connected. ➤ DI1~2(Green) : It lights on when received active signal DI port. ➤ DO(Red) : It lights on when controlled DO port on state.
Utility Software	➤ Web Setup (Windows 98/ME/NT/2000/XT) ➤ Simulator:Test result display demo program.
Environments	➤ Input Current : max 1A ➤ Input Voltage : 5VDC adapter ➤ Storage Temperature : -20 ~ 70 ° C ➤ Operating Temperature : 0 ~ 50 ° C
Dimension	98mm(W) * 130mm(H) * 33mm(D)

Ordering Information

M5000WD ; Serial / Digital Input/ Digital Output to wireless device.

Homepage

: <http://www.netisit.com> 031-387-1988

Sales Support

: netisit@netisit.com

Technical Support

: lgk@netisit.com

Address

: Anyang K-center 1002!1003, 1591-9 Gwanyang-dong,
Dongan-gu, Anyang-si, Gyeonggi-do, Korea Zip 431-815



NetEye

M5100ED **4Serial, 8AI, 8DI, 8DO to Ethernet** *Programmable device*

M5100ED series are internet (network) access devices.

M5100ED is Serial/AI/DI/DO to Ethernet Converter.

It has 4 Serial, 4 Analog Input, 8 Digital Input and 8 Digital Output channels.

You can handle Serial/AI/DI/DO data through general TCP/IP wireless network.

It supports 802.3 standard network



APPLICATION FIELDS

Factory Automation
Building Automation
Electrical Monitoring
SCADA
Subway
Electrical Diesel Generators
Electrical Transfer Switch
PLC, Indicator etc..
Machine Control and Machine Monitoring
Home Automation
UPS/ Intelligent Rectifier
Power Supply Supervisory System
Industrial machine LAN/Web connection

NetEye

M5100ED Specification

Item	NetEye M5100ED
CPU	➤ 32-Bit Micro Controller, 400MHz ➤ Programmable device.
Memory	➤ 32Mbytes Flash ➤ 64Mbytes SRAM (PC100)
Network Interface	➤ 100 Base-T Ethernet Interface (IEEE 802.3)
Network Protocol	TCP/UDP/IP/ICMP/ARP/ IEEE802.3(Standard Ethernet)
MMC	➤ LCD : 4 * 20 character ➤ KEY : 4-function key
Serial Interface	➤ Port ; RS232 - 2 port, RS232/422/485 - 2 port ➤ Speed : 1200 ~ 115200bps ➤ Data bit : 7,8bit ➤ Parity : even, odd, none ➤ stop bit : 1,2 stop bit
Analog Input Interface	➤ Resolution : 24-bit ➤ Channel : 8 Differential ➤ Input Range : 4 ~ 20mA, ±5VDC ➤ Accuracy : ±0.1% or better ➤ Sampling Rate : 12 sample/sec (about total channel) ➤ Input Impedance : 20M ohm *Connect 250 ohm(1%) between both sides for 4~20mA application.
Digital Input Interface	➤ Isolated Digital(pulse) Input 8 Channel (-50 ~ 50VDC) ➤ Counter ; detect 1 msec duty cycle. ➤ Isolation Voltage: 2500Vrms ➤ Input resistance : 2.4k @ 0.5w (for digital Input/ pulse Input)
Digital Output Interface	➤ Isolated Digital Output 8 Channel. ➤ Channel 1 ~ 4 ; Photo Relay. Max 600mA(DC 50V). Isolation Voltage: 2500Vrms ➤ Channel 5 ~ 8 ; Mechanical Relay, 250VAC/5A
Indicator	➤ RUN(Red) : Blink when system status is good. ➤ LINK(Green) : It lights on when connected LAN cable. ➤ TCP1(Orange) : TCP establishment for serial 1 ➤ TCP2(Orange) : TCP establishment for serial 2 ➤ TCP3(Orange) : TCP establishment for serial 3 ➤ TCP4(Orange) : TCP establishment for serial 4 ➤ TCP5(Orange) : TCP establishment for AI/DI/DO
Utility Software	➤ Setup Program (Windows 98/ME/NT/2000/XT) ➤ Simulator:Test result display demo program.
Environments	➤ Input Current : max 2A ➤ Input Voltage : 5VDC adapter ➤ Storage Temperature : -20 ~ 70 ° C ➤ Operating Temperature : 0 ~ 50 ° C
Dimension	98mm(W) * 130mm(H) * 33mm(D)

Ordering Information

M5100ED ; Serial /Analog Input/ Digital Input/ Digital Output to wireless device.

Homepage

: <http://www.netisit.com> 031-387-1988

Sales Support

: netisit@netisit.com

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NetEye

N2001WD

Wired to Wireless Bridge

N2001WD is IEEE802.11b/g/n network access devices.

N2001WD is Wired to wireless LAN bridge.

N2001WD is very small size.



APPLICATION FIELDS

Factory Automation solution
Building Automation solution
Electrical Monitoring solution
SCADA solution
Subway solution
PLC, Indicator etc.. solution
Machine Control and Machine Monitoring
Home Automation solution
UPS/ Intelligent Rectifier solution
Power Supply Supervisory System
Industrial machine LAN/Web connection

NetEye N2001WD Specification

Item	Description
Network Protocol	TCP/UDP/IP/ICMP/ARP/BOOTP/TFTP
Device ability	TCP Server/Client, DHCP, SMTP client
Network Interface	Wired Interface ➤ 100 Base-T Ethernet Interface (IEEE 802.3) Wireless Interface ➤ 802.11b/g/n standard. ➤ Antenna : 50ohm external antenna ➤ Tx power : typical 14dBm (max 17dBm) ➤ Rx sensitivity : -89dBm(@11Mbps), -74dBm(@54Mbps), -66dBm(@150Mbps)
Indicator	➤ PWR(Red) : It lights on when Power is On ➤ WLS(yellow) : Indicating wireless LAN status On- Client can communicate with AP ➤ LAN(Green) : It light on when LAN cable is connected.
Utility Software	➤ Web Setup (Windows XP/2000/7) ➤ NetEye Search, IP Setup, Built-In on Network.
Environments	➤ Input Current : max 400mA ➤ Input Voltage : DC5V ➤ Humidity : 0 ~ 95% ➤ Operating Temperature : 0 ~ 50 ° C ➤ Storage Temperature : -20 ~ 70 ° C
Dimension	75(W)x55(D)x25(H)mm

Ordering Information

N2001WD : Wired to Wireless Bridge

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