

Recommended Peripherals

EC-Net^{AX} I/O Modules¹



EC-Net^{AX} IO-16:

- 8 universal inputs
- 4 form A relay outputs
- 4 analog outputs (0-10VDC)
- Up to four (4) IO-16 can be connected to the EC-BOS-2^{AX}



EC-Net^{AX} IO-34:

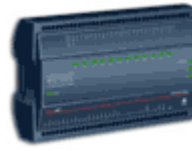
- 16 universal inputs
- 10 form A relay outputs
- 8 analog outputs (0-10VDC)
- Maximum one (1) IO-34 can be connected to the EC-BOS-2^{AX}
- In addition to the IO-34, up to two (2) IO-16 can also be connected to the EC-BOS-2^{AX}

Distech Controls I/O Modules²



ECC-301:

- 8 universal inputs
- 8 triac outputs



ECC-401:

- 12 universal inputs
- 12 triac outputs



ECC-520:

- 16 universal inputs

Other Products (Hardware)



EC-NPB-LON	78Kbps FTT-10A LON adapter
EC-NPB-MDM	56Kbps Modem option card
EC-NPB-2X-485	Dual port RS-485 option card
EC-NPB-PWR	24V AC/DC, 50/60Hz Power Supply Module. DIN rail mountable
EC-NPB-PWR-UN	90-263VAC/15VDC, 50/60Hz Universal Power Supply Module. DIN rail mountable
EC-WPM-US	90-240VAC, 50/60Hz Wall adapter U.S. plug type
EC-WPM-EUR	90-240VAC, 50/60Hz Wall adapter European/Asian plug type
EC-WPM-UK	90-240VAC, 50/60Hz Wall adapter U.K. plug type
EC-NPB-GPRS	GPRS Modem option card

Other Products (Software)

EC-DR-LON ^{AX}	LONWORKS driver
EC-DR-MSTP ^{AX}	Driver for MS/TP BACnet communications over RS-232 or RS-485 port
EC-DR-BACnet ^{AX}	BACnet IP Client over Ethernet
EC-NPM-128	Extended memory part for 64Mb to 128Mb
EC-UI-SP-2XX	Web User Interface add-on
EC-NC-SP-2XX	Niagara Connectivity Station Pack
EC-WP ^{AX} -WEB	Embedded EC-Net ^{AX} Pro (requires EC-UI-SP-2XX)

For more information on these or other Distech Controls products please refer to our web site at www.distech-controls.com or contact sales@distech-controls.com.

1. For more information and details, please refer to the *EC-Net^{AX} I/O Modules datasheet*.

2. For more information, please refer to the *Remote I/O datasheet*.

Product Specifications³

Platform

Processor:	IBM PowerPC 405EP 250MHz processor
Memory:	64MB ⁴ SDRAM and 64MB Serial Flash
Battery Backup:	5 minutes typical. Shutdown begins within 10 secs.
Real-Time Clock:	3 month backup max via battery

Communications

Methods:

- 2 Ethernet Ports – 10/100Mbps (RJ-45 connectors)
- 1 RS-232 Port (9-pin D-shell connector)
- 1 RS-485 non-isolated port (3 screw connector on base board)
- 1 One 20-Pin Euro-DIN Connector (for I/O and Power modules)
- 2 communication card option slots

Operating Systems

Types:

- QNX RTOS
- IBM J9 JVM Java Virtual Machine
- Niagara^{AX}

Chassis

Construction:	Plastic, din rail or screw mount chassis, plastic cover
Cooling:	Internal air convection
Dimensions:	16.0cm (6.3") W x 12.2cm (4.8") H (including connectors) x 6.2cm (2.4") D
Weight:	0.708 Kg (1 lb 9 oz)

Environment

Operating Temp.:	0°C to 50°C (32°F to 122°F)
Storage Temp.:	0°C to 60°C (32°F to 140°F)
Relative Humidity:	5% to 95%, non-condensing

Agency Listings

UL:	UL916 C-UL listed to Canadian Standards Association (CSA) C22.2 No. 205-M1983 "Signal Equipment" For details, refer to <i>EC-BOS-2^{AX} Mounting and Wiring Instructions</i>
CE:	
FCC:	Part 15 Class A

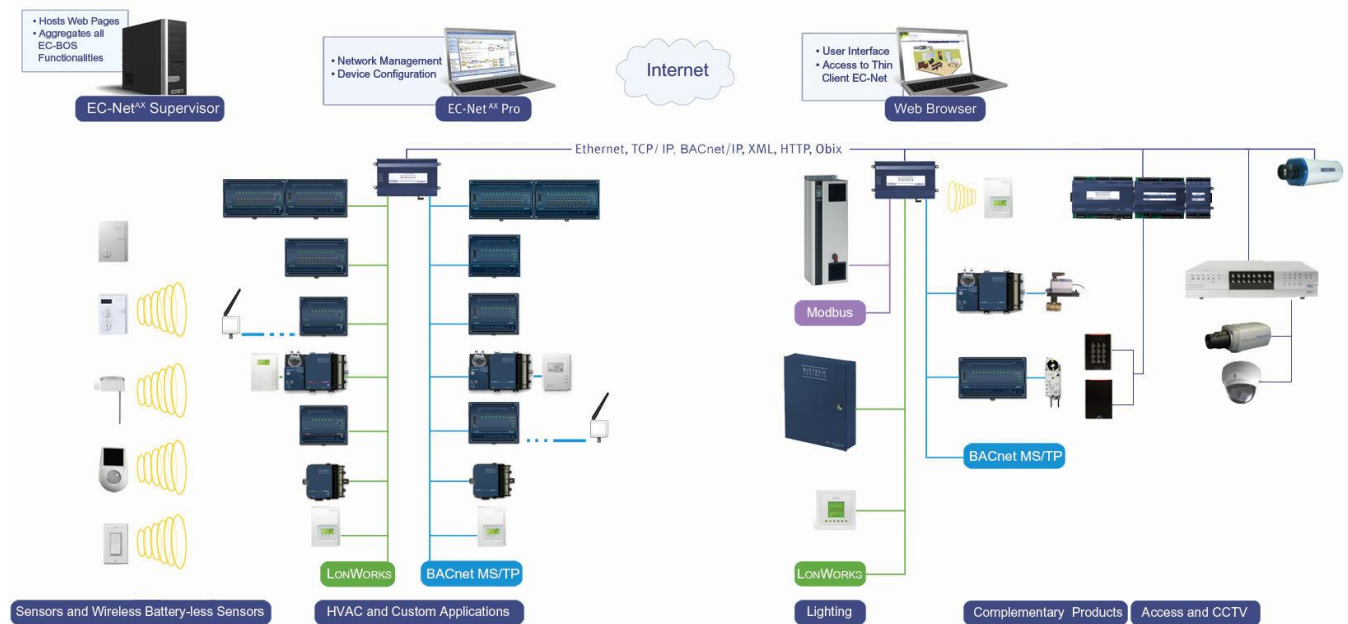


3. For more detailed specifications please refer to the *EC-BOS-2^{AX} Mounting and Wiring Instructions*.

4. Can be upgraded to 128MB with EC-NPM-128 option.

Typical Architecture

Truly Open Solutions Provide Flexibility with Interoperability Now and in the Future.



Product Warranty & Total Quality Commitment

All Distech Controls product lines are built to meet rigorous quality standards and carry a two-year warranty. Distech Controls is an ISO 9001 registered company.

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EC-BOS-2^{AX}

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