CX-CC1016

CONTROL I/O UNIT



The CX-CC1016 is a Control input/output unit having 16 control inputs and 16 control outputs designed for the CX-1000 series IP Communication system. By connecting this unit to a network (LAN or WAN), you can control external devices connected to the units in the configured CX-1000 system, enable various types of calls, activate broadcasts, and set other functions as needed. The output status can be confirmed with the front panel-mounted indicators.

Key features

- 16-channel relay inputs and outputs control unit for external device integration
- Supports no-voltage dry contact inputs with 24 V DC open voltage
- Maximum relay contact capacity of 30 V DC/1.0 A for outputs
- Single LAN port with 100Base-TX network interface
- Reset key for easy system reboot
- Compact design for desktop, rack, or wall mounting
- 24 V DC power input with removable terminal block

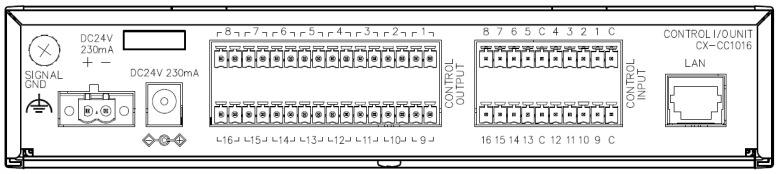
Specifications

Power Source	24 V DC (operating range: 21.6 - 26.4 V DC) Removable terminal block (2 pins) or use of the optional AC adapter
Current Consumption	230 mA
Power Consumption	5.5 W
Network Section	Network I/F: 100Base-TX Network protocol: TCP/IP, UDP, ARP, ICMP, HTTP, FTP Connector: RJ45 connector x 1 Network cable: UTP (Cat5 or greater)
User Control	Reset key x 1
Indicators	LED indicators: LAN (green) x1, POWER (green) x1, RUN (green) x1, STATUS (yellow, red, green) x1 Control output indicators: CONTROL OUTPUT (green) x16
Control Input	16 channels, no-voltage make contact input, open voltage: 24 V DC, short-circuit current: 10 mA or less, removable terminal block (10 pins x2)
Control Output	16 channels, relay contact output, maximum contact capacity: 30 V DC/1.0 A, removable terminal block (16 pins x2)
Installation Method	Desktop, rack, or wall mounting (Rack or wall mounting needs optional brackets.)
Operating Temperature	0 °C to +40 °C (32 °F to 104 °F)
Operating Humidity	90 %RH (no condensation)
Finish	Panel, Case: Pre-coated steel plate, black, 30 % gloss
Dimensions	210 (W) x44.3 (H) x266.7 (D) mm (8.27" x1.74" x10.5")
Weight	1.5 kg (3.31 lb)
Included Accessories	Removable terminal plug (2 pins) x 1, Removable terminal plug (10 pins) x 2, Removable terminal plug (16 pins) x 2, Plastic foot x4, Screw for fitting plastic foot x 4
Optional Accessories	AC adaptor: AD-246 Wall mounting bracket: YC-850 Half width blank panel: MB-15B-BK (for rack mounting one CX-CC1016 unit) Rack joint bracket: MB-15B-J (for rack mounting two CX-CC1016 units)

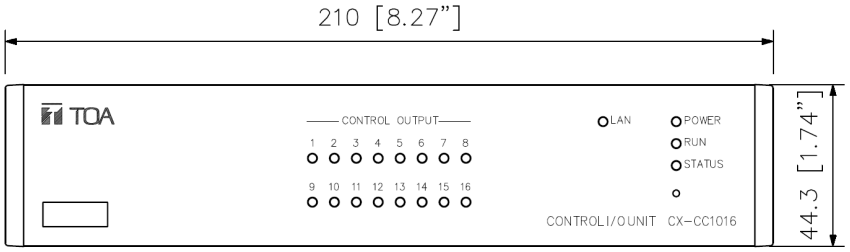
Dimensions

■APPEARANCE

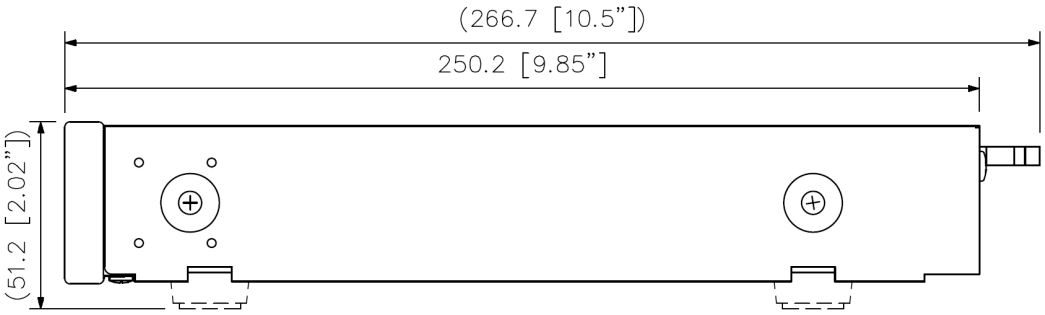
Rear View



Front View



Side View



UNIT: mm

Note: Numerical values in parentheses are for reference only.

A&E specifications

The Control I/O Unit shall be a network-connected control I/O interface device designed for use with TOA's CX-1000 Series IP communication system.
The Control I/O Unit shall provide 16 no-voltage make contact inputs and 16 relay contact outputs, enabling integration with external devices for system-wide control. Each relay output channel shall support a maximum contact capacity of 30 V DC at 1.0 A.
The Control I/O Unit shall connect via a single RJ45 LAN port and support 100BASE-TX Ethernet. Supported protocols shall include TCP/IP, UDP, ARP, ICMP, HTTP, and FTP. LED indicators shall be provided for power, network status, system operation, and individual output channels. A reset key shall be included for maintenance access, and all input and output connections shall use removable terminal blocks.
The Control I/O Unit shall support desktop placement and shall be mountable in a rack or on a wall using optional brackets. Power shall be supplied via 24 V DC through a removable terminal block or by an optional AC adapter. Power consumption shall not exceed 5.5 W. The unit shall operate within a temperature range of 0 °C to +40 °C (32 °F to 104 °F) and relative humidity up to 90 % (non-condensing).
The Control I/O Unit shall be housed in a pre-coated black steel chassis. Dimensions shall be 210 (W) × 44.3 (H) × 266.7 (D) mm (8.27" × 1.74" × 10.50"), and weight shall be 1.5 kg (3.31 lbs).
Optional Accessories: AC Adapter (AD-246), Wall Mounting Bracket (YC-850), Half-Width Blank Panel (MB-15B-BK), Rack Joint Bracket (MB-15B-J)
Manufacturer: TOA Corporation
Model: CX-CC1016