Description

The I/O Card Cage is a 19'' rack mounted card cage that provides power, network, and digital audio bus connections for the DXI control and I/O boards. It has the capacity for 1 control board and 16 I/O boards, or in the case of a redundant system, 2 control boards and 15 I/O boards. Up to 10 I/O card cages can be interconnected to form a system exchange. Larger systems can be configured with multiple exchanges interconnected via SAC Data Networks and Digital Audio Trunks.

Features

- all field connections on the rear of for quick and convenient installation and maintenance

- external reset and backup and control inputs are convenient tools for installation and maintenance

- fused power input connections to protect the I/O boards

- designed to meet EMI radiation emission and susceptibility standards

- redundant control card support

- redundant digital audio bus connections to each I/O card

- designed for card insertion and removal while the system is powered and operating (live) to expedite installation and maintenance

- cards are held firmly in place by screws

- blank covers provided for unused slots
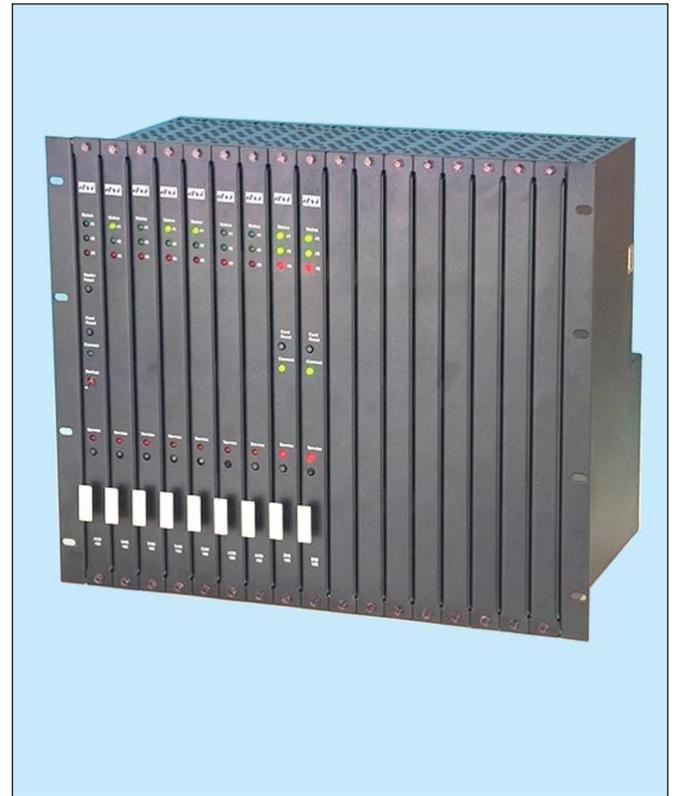
Specifications

Physical	EIA-310 19'' rack mount
	9 U high, 12'' deep
	(483 x 400 x 305 mm)
Environmental	
Operating Temperature	32 to 122 °F (0 to 50 °C)
Storage Temperature	-40 to 158 °F (-40 to 70 °C)
Humidity	0 to 95 % non-condensing
Power Supply	±12 Vdc ± 10% @ 30 A max
I/O Capacity	1 control card and 16 I/O cards or
	2 control cards and 15 I/O cards
Field Connections	
Power	Terminal Block
Network	Terminal Block
Control	Terminal Block
Standards	FCC Part 15, UL, CSA

Mechanical
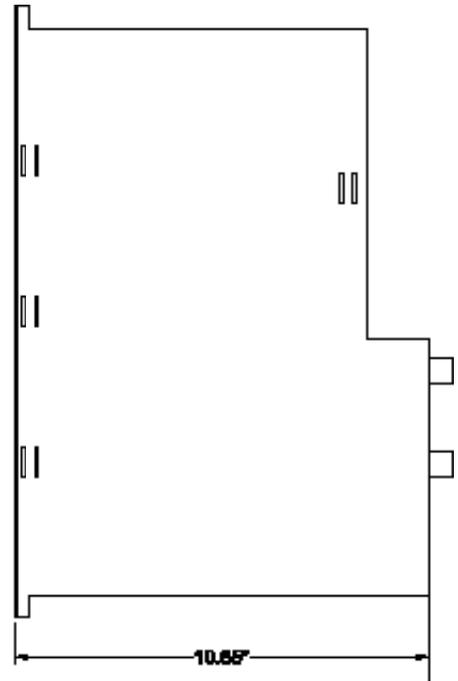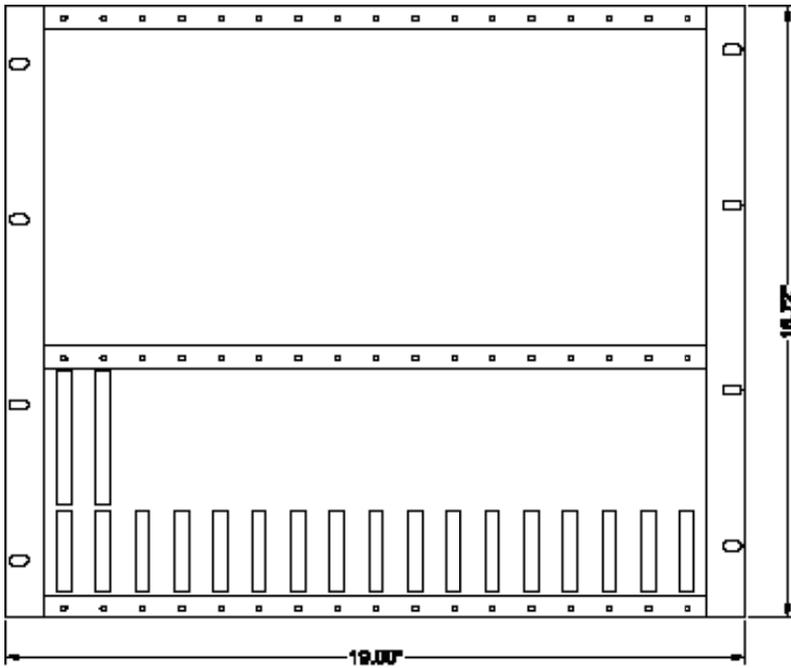
Ordering Information

Part number IOC-110

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