

DirectIP™ Switch 8 or 16 PoE Ports



DirectIP™

Description:

The CRIS10 and CRIS18 PoE switches are designed to seamlessly connect to the Costar XDi Series Network Video Recorders. The simple plug and play functionality makes connection to the XDi recorder fast and easy, eliminating the need for a computer to program or trouble shoot the switch. The application layer is designed to work with the XDi Series and is preconfigured for the DirectIP interface. The switches monitor and report the power consumption and location of each DirectIP camera. The switches are designed for the constant bandwidth required for video streaming.

Features:

CRIS10:

- Supports 8 PoE ports, 2 Copper Uplink ports
- Maximum per device PoE delivery of 70 Watts available for 1~8 RJ45 ports

CRIS18:

- Supports 16 PoE ports, 2 Copper Uplink ports
- Maximum per device PoE delivery of 140 Watts available for 1~16 RJ45 ports

Features:

- Individual port data transmission to DirectIP™ NVRs
- Central power control for greater network utility
- SSH - encrypted data protection
- L4 - based ACL (Access Control Unit)
- Power over Ethernet (PoE) compliant (IEEE 802.3af, IEEE 802.3at)

CRIS10 and CRIS18 Specifications

Model	Total Ports	PoE Ports
CRIS10	10 Ports	8 PoE Ports
CRIS18	18 Ports	16 PoE Ports

Model	CRIS10	CRIS18
Source	AC 100-240 V	
Consumption	90 Watts	160 Watts
PSE Power	Max 70 Watts	Max 140 Watts
Rated Input	AC 100-240V, 50/60 Hz 1.2~0.6 A	AC 100-240V, 50/60 Hz 1.2~0.6 A
System Information		
System Memory	256MB SDRAM, 32MB Flash	
Switching Capacity	20 Gbps	36 Gbps
Copper Service Port	8 RJ-45 Connectors (10/100 BASE-T)	16 RJ-45 Connectors (10/100 BASE-T)
Copper Uplink Port	2 RJ-45 Connectors (10/100/1000 BASE-T)	
Optical Uplink Port	None	
Console Protocol	1 RJ-45 Connector (RS232 Protocol)	
General Information		
Temperature	32°F to 104°F (0°C to 40°C)	
Humidity	Max 90% RH	
Dimensions (w x h x d)	11.0" x 1.7" x 7.1" (280 x 44 x 180 mm)	17.0" x 1.7" x 7.1" (430 x 44 x 180 mm)
Weight	3.0 lbs. (1.35 kg)	4.5 lbs. (2.05 kg)
Approvals	FCC, UL, CE, CB, KC	
PoE Device Connection	Up to 8 IEEE 802.3af devices Up to 2 IEEE 802.3at devices	Up to 16 IEEE 802.3af devices Up to 4 IEEE 802.3at devices
PoE Standards	IEEE 802.3af-2003 and IEEE 802.3at-2009	
IEEE Standards	IEEE 802.3 10BASE-T [1], IEEE 802.u 100BASE-TX [2] IEEE 802.3z 1000BASE-SX [3], IEEE 802.3ab 1000BASE-T, IEEE 802.3ad Link Aggregation, IEEE 802.3x Flow Control Support, IEEE 802.1p Priority Support, IEEE 802.1D Bridging, IEEE 802.1w Rapid Spanning Tree	
Internet Standards	RFC 1157 SNMP, RFC 791 IP, RFC 768 UDP, RFC 793 TCP, RFC 783 TFTP, RFC, 1157 SNMP, RFC 1213 MIB-II, RFC 1215 Traps, RFC 1493 Bridge MIB, RFC 1757 RMON, RFC 1866 HTML, RFC 2068 HTTP	



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Specifications and design are subject to change without notice. Conversions: 1" = 25.4mm Measurement conversions are approximate.