VISION™ 5260

CONTROLTOWER SUPERVISOR

MANAGE COMPLEX, DISTRIBUTED ENVIRONMENTS WITH EASE FROM A SINGLE USER INTERFACE

Ixia's ControlTower™ architecture solves some of the biggest challenges facing network administrators – rapidly increasing scale, flexible deployments, and the need for application and security monitoring spanning the entire network.

The products included within the ControlTower architecture are the ControlTower Supervisor (Vision 5260) and ControlTower Members (Vision 5263 and/or Vision 5268), with all functions centrally managed by the Supervisor.

The ControlTower Supervisor Vision 5260 enables you to see everything on one pane of glass, includes the easiest-to-use drag-and-drop interface in the industry, and has an intuitive interface that allows complete configuration of the system with no special training or preparation. Software updates and licensing can be performed quickly and efficiently across all ControlTower cluster devices.

HIGHLIGHTS

- Provides a consolidated, single view and managerial access point for all of your Vision monitoring switches

- NEBS Level 3 certification with redundant power supplies

- RESTful webAPI allows the Vision to be incorporated as part of your central office/ data center automation initiatives like consolidated management, centralized provisioning and service orchestration

- External alarm connections available for integration to your central office alarms

- IPv6 provides extended IP addressing

PRODUCT CAPABILITIES

New features such as a RESTful API and IPv6 (supported with NVOS 4.1 and later versions) make ControlTower the perfect solution for service providers and large enterprises. The ControlTower Supervisor works in 40GE/10GE networks and is designed for large and complex data centers and central offices.

SPECIFICATIONS

GENERAL SPECIFICATIONS

Performance

- 10GE/40GE support
- Non-blocking architecture; 640Gbps total bandwidth
- Full line-rate across all ports with filtering enabled
- Port reconfiguration with no performance impact

High-Availability Features

- NEBS Level 3 Certified Product
- Redundant, hot-swappable power supply/fan modules
- -48V DC or 120-240VAC power input
- Front to back air flow
- Local and Remote Alarm Relay Support
- Redundant management ports
- Craft interface for out-of-band

Filtering

- Centralized filter templates
- Overlapping filter engine

Management

- SNMP v1, v2, v3 support
- Supports IPv4 or IPv6
- Local, RADIUS, and TACACS+ support (members and groups)
- Granular access control
- Event monitoring & logging
- Syslog
- SSL encryption
- IT automation control
- Dual IP-based management ports (RJ45 – 10/100/1000)

Port Flexibility

- Up to 64 ports available
- Up to 64 10GE (SFP+)
- Up to 16 40GE (QSFP+)
- Ingress/egress port programmability
- Software port licensing

Performance

- 10GE/40GE support
- Non-blocking architecture; 640Gbps total bandwidth
- Full line-rate across all ports with filtering enabled
- Port reconfiguration with no performance impact

PHYSICAL SPECIFICATIONS

Size and Weight

- 2U high rack mountable enclosure
- Dimensions: 17.5W x 19.125L x 3.5H (inches)
- Weight: 35.0 lbs (16 kg)

DC Power

- Operating input voltage: 36 to 75 VDC
- Nominal current: 5.41A @ 48 VDC, 260W
- Maximum operating input current: 11.46A @ 48 VDC, 550W
- Heat/power dissipation for system with all 64 ports on the front panel at 100% traffic load: nominally 260W/887 BTU/hour

AC Power

- Input AC Voltage: 90-240 VAC RMS auto-switching
- Frequency: 50-60Hz
- Nominal power requirement: 2.36A @ 110 VAC, 260W
- Maximum power requirement: 5A @ 110 VAC, 550W
- Heat/power dissipation for system with all 64 ports on the front panel at 100% traffic load: nominally 260W/887 BTU/hour

OPERATING SPECIFICATIONS

Temperature

- Operating: 5°C to 40°C
- Short-term: -5°C to 55°C (not to exceed 96 consecutive hours)
- Short-term with fan failure: -5°C to 40°C (not to exceed 96 hours)

Humidity

- Operating: 5% to 85%, (non-condensing)
- Short-term*: 5% to 90% (non-condensing, *not to exceed 96 hours)

Mean Time Between Failures Prediction

- 125,000 hours

REGULATORY/SAFETY

North American Safety

- UL 60950-1, 2nd Edition
- CSA C22.2 No. 60950-1, 2nd Edition
- GR-1089-CORE, Issue 6, May 2011

International Safety

- CB Scheme: IEC 60950-1:2nd Edition

EC/International EMC

- IEC/EN 61000-4-2:2009 Electrostatic Discharge Immunity
- IEC/EN 61000-4-3:2006 +A1:2008 +A2:2010 Radiated Immunity
- IEC/EN 61000-4-4:2004 +A1:2010 Transient/Burst
- Immunity
- IEC/EN 61000-4-5:2006 Surge Immunity
- IEC/EN 61000-4-6:2009 Conducted Radio Frequency Immunity
- IEC/EN 61000-4-8:2010 Magnetic Field Immunity
- IEC/EN 61000-4-11:2004 Voltage Dips, Interruptions and Variations

North American EMC

- FCC part 15, Class A (USA)
- ICES-003 Issue 4, Class A (Canada)
- GR-1089-CORE, Issue 6, May 2011

European Safety

- EN60950-1

European EMC

- FCC part 15, Class A (USA)
- ICES-003 Issue 4, Class A (Canada)
- GR-1089-CORE, Issue 6, May 2011
- EN 55022:2010
- EN 55024:2010
- EN 61000-3-2:2006 +A2:2009 (Harmonics)
- EN 61000-3-3:2008 (Flicker)
- ETSI EN 300 386:2005-4

ORDERING INFORMATION

PART NUMBER	DESCRIPTION
SYS-5260-STD	Ixia 5260 ControlTower Supervisor base system. This includes the following: > 1 5260 ControlTower Supervisor chassis > 1 5260 ControlTower Supervisor management module > 3 526X fan modules > 4 4-port 40G QSFP modules
MOD-526XACMOD	Single(1) AC Power Module
MOD-526XDCMOD	Single(1) DC Power Module
MOD-526XFANMOD	Single (1) fan module unit

IXIA WORLDWIDE
26601 W. AGOURA ROAD
CALABASAS, CA 91302

(TOLL FREE NORTH AMERICA)
1.877.367.4942
(OUTSIDE NORTH AMERICA)
+1.818.871.1800
(FAX) 818.871.1805
www.ixiacom.com

© Keysight Technologies, 2017

IXIA EUROPE
CLARION HOUSE, NORREYS DRIVE
MAIDENHEAD SL6 4FL
UNITED KINGDOM

SALES +44.1628.408750
(FAX) +44.1628.639916

IXIA ASIA PACIFIC
101 THOMSON ROAD,
#29-04/05 UNITED SQUARE,
SINGAPORE 307591

SALES +65.6332.0125
(FAX) +65.6332.0127