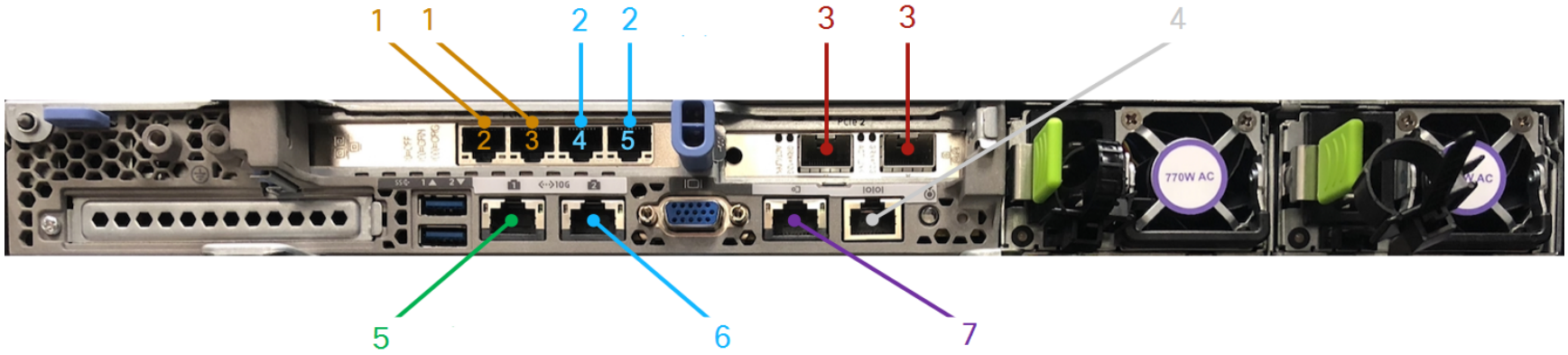
Cisco Stealthwatch

UDP Director 2210 Specification Sheet

Front View

Back View



1. HA Cross Connect (eth2-3) (100Mbps/1Gbps) 2. Monitoring (eth4-5) (100Mbps/1Gbps)

3. SFP Reserved 4. Serial Console (115200 8-N-1)

5. UDPD Management (eth0) (100Mbps/1Gbps/10Gbps) 6. Monitoring (eth1) (100Mbps/1Gbps/10Gbps)

7. CIMC Management (100Mbps/1Gbps)

> This appliance has this general configuration. Your model may look slightly different.

Specifications

First Ship Date	March 2019
Final Ship Date	Currently Shipping
Product ID (PID)	ST-UDP2210-K9
UCS Platform	UCSC-C220-M5SX
Network/NIC	**CIMC management port**: 1 - 100Mbps/1Gbps copper • Typically unused, not required for UDP Director operation. **UDP Director management port**: 1 - 100Mbps/1Gbps/10Gbps copper • eth0 (port label "1") • Users connect to this port to access the WebUI for management and to receive UDP traffic for retransmitting to other destinations. • This interface is also used to send data received on monitoring ports to forwarding rule destinations such as Flow Collectors, NMS/Logs servers, etc. **HA Cross Connect ports**: 2 total • eth2-3 - 100Mbps/1Gbps copper

	Monitoring ports:3 total • eth1 (port label “2”) – 100Mbps/1Gbps/10Gbps copper • eth4-5 – 100Mbps/1Gbps copper • Monitoring ports are used to receive SPANned network traffic. • These ports work in promiscuous mode only and work in the following way: • For every SPAN packet received on the monitoring interface, the UDP Director processes it against the configured forwarding rules. Traffic matching forwarding rules are sent out to the associated rule destination, all other traffic is discarded.
Processor	2 @ 2.3 GHz 5118/105W 12C/16.50MB Cache/DDR4 2400MHz
Memory	16 GB DDR4 (16x) – 256 GB total
Storage	600 GB HDD (6x) – 2.4 TB total RAID 6
Packet Replication Rate	Performance will vary based on the connection speed configured with the management/ingress/egress port. Using the management port @ 1Gbps for ingress/egress: • Input: 37,500 pps • Output: 75,000 pps Using the management port @ 10Gbps for ingress/egress: • Input: 75,000 pps • Output: 150,000 pps

	Your performance will vary with packet size and number of forwarding rules. These numbers are based on a 1400 byte packet with 2 forwarding rules.
RAID Cache	2 GB
Rack Units	1U
Weight	37.9 pounds (17.2 kg)
Dimensions	**Height:** 1.7 inches (4.3 cm) **Width:** 16.9 inches (42.9 cm) **Depth:** 29.8 inches (75.8 cm)
Power	Redundant 770W AC 50/60 Auto Ranging (100v to 240V)
Humidity (Relative)	**Operating:** 10% to 90% **Storage:** 5% to 93%
Altitude	**Operating:** 0 feet to 10,000 feet (0 meters to 3,048 meters) **Storage:** 0 feet to 40,000 feet (0 meters to 12,192 meters)
Heat Dissipation	1164.77 BTU per hour maximum (estimated)
Temperature	**Operating:** 41° F to 95° F (5° C to 35° C)

	Derate the maximum temperature by 1°C for every 305 meters of altitude above sea level. **Storage:** -40° F to 149° F (-40° C to 65° C)