



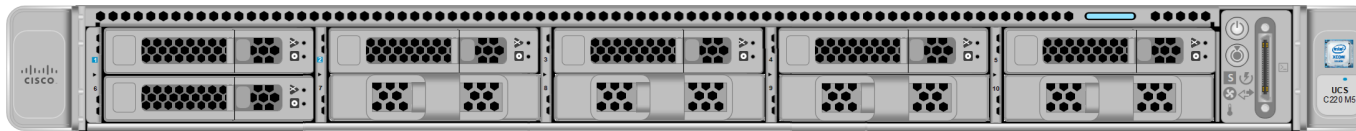
Cisco Secure Network Analytics

UDP Director 2210 Specification Sheet

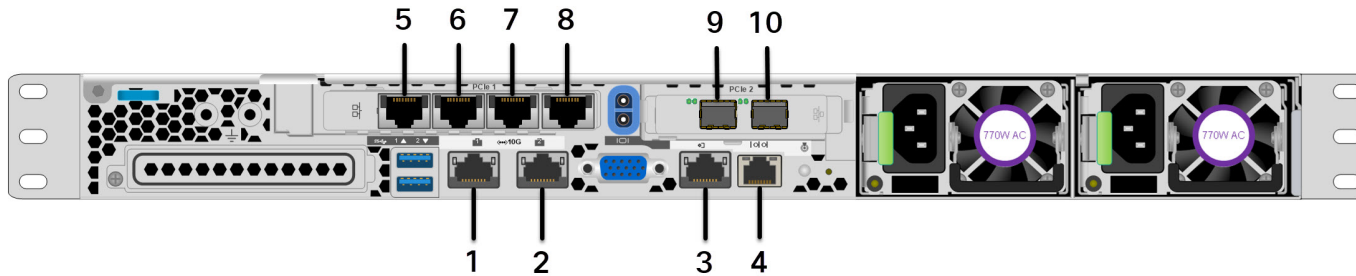


ST-UDP2210-K9 UDP Director

Front View




Back View



Following is a default configuration for this device.


1	Base-T (100Mbps/1Gbps/10Gbps) UDPD Management (eth0)
2	Base-T (100Mbps/1Gbps/10Gbps) Monitoring (eth1)

3	Base-T (100Mbps/1Gbps) CIMC Management
4	Serial (115200 8-N-1) Console
5	Base-T (100Mbps/1Gbps) HA Cross Connect (eth2)
6	Base-T (100Mbps/1Gbps) HA Cross Connect (eth3)
7	Base-T (100Mbps/1Gbps) Monitoring (eth4)
8	Base-T (100Mbps/1Gbps) Monitoring (eth5)
9	SFP+ Base-X (1Gbps/10Gbps) SFP Reserved
10	SFP+ Base-X (1Gbps/10Gbps) SFP Reserved
6	Base-T (100Mbps/1Gbps) HA Cross Connect (eth3)

 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	<p>CIMC management port:</p> <ul style="list-style-type: none"> • Not required for UDP Director operation. <p>UDP Director management port:</p> <ul style="list-style-type: none"> • 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. <p>HA Cross Connect ports: 2 total</p> <ul style="list-style-type: none"> • High Availability for redundant failover <p>Monitoring ports:3 total</p> <ul style="list-style-type: none"> • Monitoring ports are used to receive SPANned network traffic. • These ports work in promiscuous mode only.

	<p>Reserved ports</p> <ul style="list-style-type: none"> • Software version dependent feature
Processor	<p>Before January 2021: 2x Intel Xeon Scalable Gen 1 Gold 5118 = 2.3GHz x 12 cores /w/ 16.5MB L3 Cache (Total of 2.3GHz x 24 cores/48 Threads)</p> <p>After January 2021: 2x Intel Xeon Scalable Gen 2 Gold 5218 = 2.3GHz x 16 cores /w/ 22MB L3 Cache (Total of 2.3GHz x 32 cores/64 Threads)</p>
Memory	16 GB DDR4 (16x) - 256 GB total
Storage	600 GB HDD (6x) - 2.4 TB total RAID 6
Packet Replication Rate	<p>Performance will vary based on the connection speed configured with the management/ingress/egress port.</p> <p>Using the management port @ 1Gbps for ingress/egress:</p> <ul style="list-style-type: none"> • Input: 37,500 pps • Output: 75,000 pps <p>Using the management port @ 10Gbps for ingress/egress:</p> <ul style="list-style-type: none"> • Input: 75,000 pps • Output: 150,000 pps <div style="border: 1px solid blue; padding: 5px; margin-top: 10px;"> <p> 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.</p> </div>

RAID Cache	2 GB
Rack Units	1U
Weight	37.9 pounds (17.2 kg)
Dimensions	<p>Height: 1.7 inches (4.3 cm)</p> <p>Width: 16.9 inches (42.9 cm)</p> <p>Depth: 29.8 inches (75.8 cm)</p>
Power	<p>Redundant 770W AC 50/60 Auto Ranging (100v to 240V)</p> <p>AC input voltage: Nominal range 100-120 VAC, 200-240 VAC</p> <p>AC input frequency: Nominal range 50 to 60Hz (range: 47-63Hz)</p> <p>Maximum AC input current: 9.5A at 100 VAC, 4.5A at 208 VAC</p> <p>Power supply output voltage: 12 VDC</p>
Humidity (Relative)	<p>Operating: 10% to 90%</p> <p>Storage: 5% to 93%</p>
Altitude	<p>Operating: 0 feet to 10,000 feet (0 meters to 3,048 meters)</p> <p>Storage: 0 feet to 40,000 feet (0 meters to 12,192 meters)</p>
Heat Dissipation	1164.77 BTU per hour maximum (estimated)

Temperature	<p>Operating: 41° F to 95° F (5° C to 35° C)</p> <p>Derate the maximum temperature by 1° C for every 305 meters of altitude above sea level.</p> <p>Storage: -40° F to 149° F (-40° C to 65° C)</p>
-------------	---