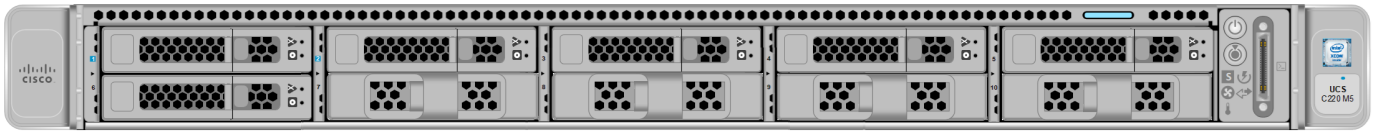
Cisco Secure Network Analytics

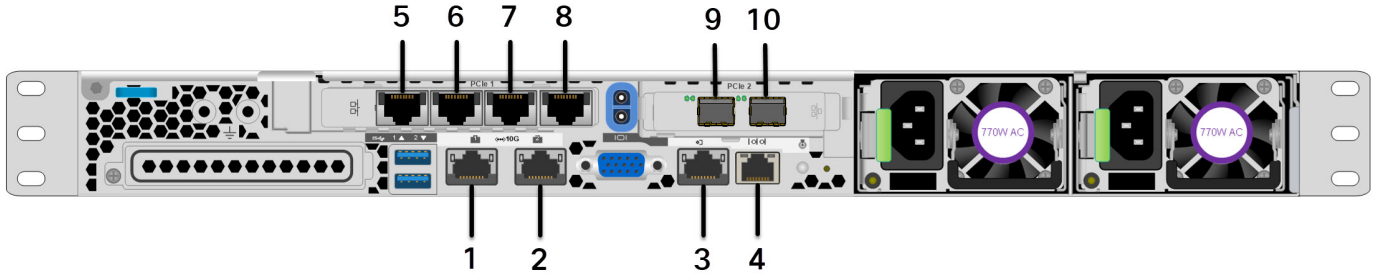
Flow Sensor 3210 Specification Sheet

ST-FS3210-K9 Flow Sensor

Front View



Back View



Following is the default configuration for this device.

1	Base-T (100Mbps/1Gbps/10Gbps) FS 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) Monitoring (eth2)
6	Base-T (100Mbps/1Gbps) Monitoring (eth3)
7	Base-T (100Mbps/1Gbps) Monitoring (eth4)
8	Base-T (100Mbps/1Gbps) Monitoring (eth5)
9	SFP+ Base-X (1Gbps/10Gbps) SFP Monitoring (eth6)
10	SFP+ Base-X (1Gbps/10Gbps) SFP Monitoring (eth7)

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-FS3210-K9
UCS Platform	UCSC-C220-M5SX
Network/NIC	**CIMC management port**: • Not required for Flow Sensor operation. **Flow Sensor management port**: • Users connect to this port to access the WebUI for management. • This interface is also used to communicate to Flow Collectors. **Monitoring ports**:7 total • SFP modules:- Either 1GB Base-SX SFP or 10GB SFP (cannot be mixed speeds). GLC-SX-MMD, SFP-10G-SR-S or SFP-10G-LR-S are supported. The GLC-SX-MMD cannot be used with a SFP-10G-SR or SFP-10G-LR • Monitoring ports are used to receive SPANned network traffic. • They can be IP Addressed to receive ERSPAN data
Default Profile	https

Rated to Monitor	• 6 Gbps – 2x10G SFP+* • 4.5Gbps – 5x1G copper*
Processor	**Before January 2021**:2x Intel Xeon Scalable Gen 1 Gold 5118 = 2.3GHz x 12 cores /w/ 16.5MB L3 Cache **After January 2021**: 2x Intel Xeon Scalable Gen 2 Gold 5218 = 2.3GHz x 16 cores /w/ 22MB L3 Cache
Memory	16 GB DDR4 (16x) – 256 GB total
Storage	600 GB HDD (6x) – 2.4 TB total RAID 6
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) AC input voltage: Nominal range 100–120 VAC, 200–240 VAC AC input frequency: Nominal range 50 to 60Hz (range: 47–63Hz) Maximum AC input current: 9.5A at 100 VAC, 4.5A at 208 VAC

	Power supply output voltage: 12 VDC
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	1149.71 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)

* These numbers are generated in our test environments using average customer data. There are several factors that may affect your specific performance, such as traffic type, average size of packets, and more. While we do our best to represent the data as fairly and accurately as possible, your environment may experience different limits.