Comnet CNGE24FX12TX12MSPOE/48 Industrial Grade 24 Port Gigabit Managed Ethernet POE Switch/2x Low Voltage DC Inputs

Switch Properties	
Switching latency	7 Ms
Switching bandwidth	54 Gbps
DRAM	1GB
Flash	128Mb
VLANs	Voice, Private, Multicast
Max. Available VLANs	256
I6MP multicast groups	128 for each VLAN
Port rate limiting	User Defined
Processing	Store-and-Forward
Priority Queues	8
Network Redundancy	STP RSTP MSTP ERPS
MAC Table	8K MAC Addresses
Jumbo Frame	Up to 9.6K Bytes
Static Routing	32 Routes
Security Features	
Device Binding security feature	
Enable/disable ports, MAC based port security	
Port based network access control (802.1x)	
VLAN (802.1 Q) to segregate and secure network traffic	
Radius centralized password management	
SNMPv3 encrypted authentication and access security	
https 1SSH enhance network security	
Switch/port based, NAS, ACL, ARP inspection and IP sourceguard	
AAA radius server authentication	
TACACS+	
SNTP	
Power	
Input Power (non-PoE)	(1) 90 - 240 VAC & (1) 6 -14 VDC or (2) 6 -14 VDC
Input Power (PoE models)	(1) 90 - 240 VAC & (2) 48 57 VDC
	or (2) 48 -57 VDC
Power Consumption	30 W Max (non-PoE models)
	390 W Max w/PoE+ (PoE models)
Overload Current Protection	Present
Mechanical	
Indicating LEDs	Status Indicators RJ45 Port Indicator
	SFP Port Indicator
Size (H x W x D)	17x10x1.5 in (43.2 x 25.4 x 3.8 cm)
Installation	Desktop or 19-inch Rack Mount
Weight	11 lb / 5 kg (Mains Powered Models)
	7.9 lb / 3.6 kg (DC Only Powered Models)
Environmental	
Storage Temperature	-40 to 85 °C
Operating Temperature	40 to +60 °C (Functional to +75* C)
Operating Humidity	5% to 95% Non-condensing
MTBF	>100,000 hours