

# Comnet CWGE2FE8MSPOE+ Ethernet Switch with 8x 10/100TX PoE+ Ports + 2x 10/100/1000TX or 1000FX SFP Ports

<b>Software</b>	
Configuration	SNMP v1/v2c, Web
VLAN	IEEE 802.1Q (32 Max), Port based VLAN (26 Max)
Redundancy	IEEE802.1d STP, IEEE802.1w RSTP, and Loopback detection
Security	MAC address binding port security, DHCP Relay, TCP/UDP filters
Traffic Control	IGMP Snooping V1/V2 for multicast group management, Bandwidth Control, Broadcast Storm Control, Port trunk, QoS priority queuing / CoS, LACP port trunk, IEEE 802.3x flow control
Diagnostics	Port Mirroring, Real-time traffic statistic, MAC Address Table
PoE Management	PoE Enable/Disable, Power limit by classification, Power limit by management, Power feeding priority, Power On Delay Timer, Power Scheduling
<b>Switch Properties</b>	
Switch Architecture	Back-plane: 5.6 Gbps
Packet Buffer	2.75 Mb
MAC Address	4K
<b>Connectors</b>	
10/100TX	8 x RJ-45
Gigabit Combo	2 x 10/100/1000TX RJ45
	2 x 1000FX SFP <sup>1</sup>
<b>Power</b>	
Power consumption	260 W (with full PoE Load)
	20 W (with no PoE)
Operating Power	110/240 VAC with internal power supply unit.
Max Power Per PoE Port	30 W max
Total PoE Power Budget	240 W max
<b>PoE pin assignment</b>	
RJ45 port #1 - #8 support IEEE802.3at End-point, Alternative A mode.	
Positive (VCC+): RJ45 pin 1, 2	
Negative (VCC-): RJ45 pin 3, 6	
<b>Mechanical</b>	
Indicating LEDs	System: Power, PoE, System
	Per port: Link/Activity, Speed
	Gigabit Combo port: Link/Activity
Dimensions (L x Wx H)	13.0 x 9.1 x 1.7 in (33.0 x 23.0 x 4.3 cm)
Cooling	Fan Assisted Cooling
<b>Environment</b>	
MTBF	>100,000 hours
Operating Temperature	0° to +50°C
Storage Temperature	40° to +70°C
Relative Humidity	0 to 95% (non-condensing)
<b>Ethernet Standards</b>	
IEEE 802.3 10Base-T Ethernet	
IEEE 802.3u 100Base-TX/100Base-FX	
IEEE 802.3z Gigabit fiber	
IEEE 802.3ab 1000Base-T	
IEEE 802.3x Flow Control and Back Pressure	
IEEE 802.3ad Port trunk with LACP	

IEEE 802.1d Spanning Tree	
IEEE 802.1q VLAN Tag	
IEEE 802.1w for RSTP (Rapid Spanning Tree Protocol)	
IEEE 802.3at Power over Ethernet	
<b>Regulatory Compliance</b>	
EMC	CE, FCC Class A, EN55022, EN60950-1