



SWMDL-H-4GPS-2USF-B

POE+ POWER BOOSTER SWITCH



POWER BOOSTER

24 Vdc
power input

POE+ 30W

Higher POE budget

2X SFP

Multipoint

K21

Higher immunity

COST SAVING

Introduction

SWMDL-H-4GPS-2USF-B is a manageable Gigabit POE switch with 2x SFP uplinks and 4x POE+ Ethernet ports.

SWMDL differentiates from other products by its **power supply input that starts at industry standard 24 Vdc thanks to its internal Power Booster circuit** that generates the 50 Vdc voltage required for the POE interfaces. This brings many benefits to industrial networks as it saves on power supplies, it simplifies battery backup systems, it saves a lot on engineering requirements and on material cost and inventory.

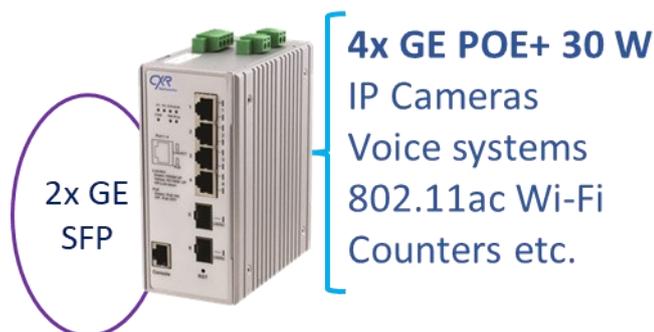
SWMDL provides **2x SFP uplink interfaces** that enable multipoint, drop-insert and resilient Ring topologies in Ethernet networks. This is very valuable for video-protection, transportation or utility applications.

SWMDL delivers four Gigabit Ethernet ports with POE+ 30W capability to serve any power requirement of voice, Wi-Fi, video-protection or other industry requirement.

SWMDL is a manageable Ethernet switch with several valuable features such as comprehensive security management (https, ssh, snmp v3, 802.1x, Radius, ACL), IGMP for multicast traffic control, temperature monitoring, one digital input and one relay output for simple automation or alarm requirement.

Applications

SWMDL PoE+ switch delivers 4x Ethernet ports to video-protection or similar systems that require 30W POE power supply. Its ruggedized design and extensive features make it a perfect solution for mission critical networks where performance, reliability and resilience are key requirements. Its standard 24 Vdc power inputs provides great savings on power supply and battery backup systems, space, and engineering requirements.



Specifications

Ethernet Interfaces	
Fiber optic	2x 100/1000Base-X SFP slots
RJ45	4x 10/100/1000BaseT MDI/MDIX auto negotiation
POE	4x POE+ ports, 30W, 802.3af/at 120 W total power budget
Ethernet	
MAC Address	8 K
Frame size	10 Kbytes
VLAN	802.1q, port VLAN, 2K VLAN groups
QoS	802.1p, VLAN, DSCP 8x priority queues Rate limiting
Resiliency	STP, RSTP, LACP, Fast-Ring
Multicast	IGMP Snooping v1/v2/v3, MLD, Fast Leave
Security	802.1X, Radius, TACACS+, DHCP Snooping Loop detection, Storm control IP source guard

Management	
Management	IP v4, v6 CLI, SSH, Telnet Web server SNMP v1/v2/v3 Syslog
Diagnostics	Syslog SFP DDMI Port status, traffic analysis Temperature monitoring CPU load monitoring
Time server	SNTP
Digital input and output	1x relay output, 1x Digital input
Power supply	
Input	2x power inputs, terminal bloc
Voltage range	24 to 55 Vdc
Power consumption	135 W max, 120 W POE included
Environmental	
Format	DIN rail mounting clip
Size (WxDxH)	63 x 110 x 135 mm
Weight	0.95 kg
Operating temperature	-40 to +75 °C
Hygrometry	5 to 90%, non condensing
Chock and vibration	IEC-60068-2-6, -27 and -32
Compliance	CE, ROHS, EN55022, EN55024

Ordering information

Reference	GE SFP	POE+ 30 W	Power supply
SWMDL-H-4GPSP-2USFP-PB	2	4	24 - 55 Vdc



CXR
T +33 (0) 237 62 87 90
www.cxr.com

Rue de l'Ornette 28410 Abondant France
contact@cxr.com