



**RAIL READY MANAGED and UNMANAGED GbE SWITCHES, M12, PoE, non-PoE**



Type	Managed	Managed	Unmanaged	Unmanaged	Managed	Managed	Unmanaged	Unmanaged
PoE	PoE	PoE	PoE	non-PoE	non-PoE	non-PoE	PoE	non-PoE
<b>Part Number</b> <i>vr: '36'=24V-48V; '72'=72V-110V; 'WR'=16V-110V. Suffix=PoE; blank if not PoE.</i>	SIL4-0802FG-MS-M12- <i>vr</i> -PoE	SIL4-1000GF-MS-M12- <i>vr</i> -PoE	SIL4-0802FG-US-M12- <i>vr</i> -PoE	SIL4-0802FG-US-M12- <i>vr</i>	SIL4-0802FG-MS-M12- <i>vr</i>	SIL4-1600GF-MS-M12- <i>vr</i>	SIL4-1600GF-US-M12- <i>vr</i> -PoE	SIL4-1600GF-US-M12- <i>vr</i>
<b>Number of Ports</b>								
Max. Ports	10	10	10	10	10	20	20	20
Gigabit Ethernet Ports	2	10	2	2	2	16	16	16
Fast Ethernet Ports	8	-	8	8	8	-	-	-
PoE Ports (802.3at)	8	8	8	-	-	-	16	-
Power Input	24-48VDC 72-110VDC	24-48VDC 72-110VDC	24-48VDC 72-110VDC	24-48VDC 72-110VDC	24-48VDC 72-110VDC	24-48VDC 72-110VDC	24-48VDC 72-110VDC	24-48VDC 72-110VDC
Power Input (xxx-WR)	16 - 120VDC	16 - 120VDC	16 - 120VDC	16 - 120VDC	16 - 120VDC	16 - 120VDC	16 - 120VDC	16 - 120VDC
<b>Mechanical Construction</b>								
Enclosure	SECC	SECC	SECC	SECC	SECC	SECC/Aluminum	SECC/Aluminum	SECC/Aluminum
Protection Class	IP54	IP54	IP54	IP54	IP54	IP54	IP54	IP54
Dimensions(mm)	143x209x77	143x209x77	143x209x77	143x209x77	143x209x77	220x176x155	TBD	TBD
Weight(kg)	1.20 kg	1.90 kg	1.20 kg	1.20 kg	1.20 kg	2.20 kg	3.0 kg	3.0 kg
Mounting	Wall	Wall	Wall	Wall	Wall	Wall	Wall	Wall
<b>Environmental Limits</b>								
Operating Temperature	-40°C ~ 75°C	-40°C ~ 75°C	-40°C ~ 75°C	-40°C ~ 75°C	-40°C ~ 75°C	-40°C ~ 75°C	-40°C ~ 75°C	-40°C ~ 75°C
Storage Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
STP/RSTP	✓	✓	-	-	✓	✓	-	-
MSTP	✓	✓	-	-	✓	✓	-	-
ERPS	✓	✓	-	-	✓	✓	-	-
MRP	Optional	Optional	-	-	Optional	Optional	-	-
Port Trunking / LACP	✓	✓	-	-	✓	✓	-	-
<b>Software Feature</b>								
802.1X	✓	✓	-	-	✓	✓	-	-
IPv6	✓	✓	-	-	✓	✓	-	-
Storm Control	✓	✓	-	-	✓	✓	-	-
UPnP	✓	✓	-	-	✓	✓	-	-
SNMP v1/v2c/v3	✓	✓	-	-	✓	✓	-	-
Event Warning	✓	✓	-	-	✓	✓	-	-
Port Mirror	✓	✓	-	-	✓	✓	-	-
LLDP	✓	✓	-	-	✓	✓	-	-
DHCP Server	✓	✓	-	-	✓	✓	-	-
DHCP Relay(Option82)	✓	✓	-	-	✓	✓	-	-
802.1Q VLAN	✓	✓	-	-	✓	✓	-	-
VLAN Q-in-Q	✓	✓	-	-	✓	✓	-	-
IGMP Snooping / MLD	✓	✓	-	-	✓	✓	-	-
QoS	✓	✓	-	-	✓	✓	-	-
PoE Control	✓	✓	-	-	-	-	-	-
Modbus/TCP	✓	✓	-	-	✓	✓	-	-
Ethernet/IP	✓	✓	-	-	✓	✓	-	-
<b>Switch Properties</b>								
Jumbo Frame Support	12,000 bytes	12,000 bytes	12,000 bytes	12,000 bytes	12,000 bytes	12,000 bytes	12,000 bytes	12,000 bytes
MAC Table Size	16K	16K	16K	16K	16K	16K	16K	16K
Packet Buffer Size	12 Mbits	12 Mbits	12 Mbits	12 Mbits	12 Mbits	12 Mbits	12 Mbits	12 Mbits
Power Consumption	~15W	~15W	~15W	15W	15W	15W	~15W	15W
<b>Certification</b>								
CE / FCC	✓	✓	✓	✓	✓	✓	✓	✓
EN50155	✓	✓	✓	✓	✓	✓	✓	✓
EN45545-2	✓	✓	✓	✓	✓	✓	✓	✓