

	HMG-428EPT	HMG-838EPT	HMG-1648EP
Supported modules			
SFP+ 10 Gigabit Ethernet	–	–	–
SFP Gigabit Ethernet	●	●	●
SFP Fast Ethernet	●	●	●
Number of Ports			
Maximum Number of Ports	8	11	20
10 Gigabit Ethernet	–	–	–
Gigabit 10/100/1000Mbps	–	–	–
Fast Ethernet 10/100 Mbps	4	8	16
SFP port 100/1000Mbps	4	3	4
Power Input			
-48VDC	–	–	–
12/24/48VDC	●	●	●
110/220VAC (88~264VAC)	–	–	–
110/220VDC (88~300VDC)	–	–	–
Installation Options			
DIN-Rail Mounting	●	●	●
Supported Operating Temperature			
-10 to 70°C	●	●	●
-40 to 80°C	●	●	●
Redundancy & Back-up			
Direct-Ring	●	●	●
Direct-Chain	●	●	●
Join-Ring	●	●	●
Multiple Direct-Ring	●	●	●
STP/RSTP	●	●	●
MSTP	●	●	●
ITU-T G.8032 ERPS	●	●	●
Network Management			
GOOSE Message	–	–	–
IEEE 1588 PTP V2	●	●	●
Port Trunking/LACP	●	●	●
VLAN/GVRP/MVR	●	●	●
QoS	●	●	●
IGMP/MLD Snooping	●	●	●
DHCP Option 82	●	●	●
SNMP/RMON	●	●	●
LLDP	●	●	●
Port Security	●	●	●
IP Source Guard	●	●	●
ARP Inspection	●	●	●
Port & MAC based Authentication (IEEE 802.1X)	●	●	●
RADIUS / TACACS+ 3.0	●	●	●
ACL (Access Control Lists)	●	●	●
HTTPS / SSL / SSH V2	●	●	●
IPv6	●	●	●
Alarm Relay	●	●	●
Standards & Approvals			
CE/FCC	●	●	●
UL 60950-1	●	●	●
NEMA TS2	●	●	–
EN 50121-4	●	●	●
IEC 61850-3	–	–	–