



| M12 Giga Managed Industrial PoE Switch | | | | Managed Industrial PoE Switch | | | |
|---|---|---|---|-------------------------------|--------------------|--------------------|---|
| Interface | | | | | | | |
| Total Ports Number | 14 | 14 | 10 | 10 | 10 | 10 | 6 |
| 100/1000TX Ports | 4 x M12-A | 4 x M12-A | 1 x M12-A(PoE+) 2 M12-A (w/Bypass) | | 8 | | |
| 10/100TX Ports | 10 X M12-D | | 7 x M12-D | | | 8 | 6 (4706) 4 (4706f) |
| 100/1000M Combo | | | | | | 2 | 2 |
| SFP Ports | | | | | 2 x 100/1000M | | 2 x 100M SC/ST (4706f) |
| DI/DO (Dry Relay) | | | | | 1 x DI, 1 x DO | 1 x DI, 1 x DO | 1 DO |
| Console | M12-A RS-232, USB | M12-A RS-232, USB | M12-A RS-232, USB | | RJ-45 RS-232 | RJ-45 RS-232 | RJ-45 RS-232 |
| Power Input | 2 x DC 110V (77-154V) | 2 x DC 110V (77-154V) | 2 x DC 110V (77-154V) | 2 x DC 24V (16.8-30V) | 2x DC 54V (46-57V) | 2x DC 24V (12-24V) | 2 x DC 48V (48-57V) 2 x DC 48V (48-57V) |
| Features | | | | | | | |
| Network Redundancy (MSR, RDH, TrunkRing, MultiRing, SuperChain, ITU-T G.8032 ERPS, RSTP/MSTP, LACP) | ● | ● | MSR, RSTP/MSTP, LACP | | ● | ● | MSR, RDH, MultiRing RSTP/MSTP, LACP |
| Network Security (Port, IEEE802.1x Port w/Radius Server, IEEE802.1x MAB, SSL/HTTPs, SSH/Telnet) | Port, IEEE 802.1x Port w/Radius Server, SSL/HTTPs, SSH/Telnet | Port, IEEE 802.1x Port w/Radius Server, SSL/HTTPs, SSH/Telnet | Port, IEEE 802.1x Port w/Radius Server, SSL/HTTPs, SSH/Telnet | | ● | ● | Port, IEEE 802.1x Port w/Radius Server, SSL/HTTPs, SSH/Telnet, IEEE 802.1xMAB |
| Advanced Security (L2/3/4 ACL) DHCP Snooping, IP Source Guard, DAI, DoS, IPv6 RA Guard, IPv6 ACL) | ● | ● | | | ● | | |
| korneix Veiv/ korneix NMS | ● | ● | ● | ● | ● | ● | ● |
| Industrial Protocol (Modbus/TCP, | | | | | ● | ● | ● |
| Power over Ethernet | | | | | | | |
| PoE Ports | 8 (FE) | 8 (FE) | 8 (7x FE, 1 GbE) | | 8 | 8 | 8 |
| Power Feeding Mode | M12-D (1,2,3,4) | M12-D (1,2,3,4) | M12-D (1,2,3,4) M12-A (1,2,3,6) | | 1,2,3,6 (A) | 1,2,3,6 (A) | RJ-45 (1,2,3,6) (A) RJ-45 (4,5,7,8) (B) |
| PoE Mode | IEEE 802.3af/at | IEEE 802.3af/at | IEEE 802.3af/at | | IEEE 802.3af/at | IEEE 802.3af/at | IEEE 802.3af/at |
| PoE Scheduling | ● | ● | ● | ● | ● | ● | ● |
| System PoE Budget | 100W/70°C | 100W/70°C | 100W/70°C | | 240W/75°C | 240W/75°C | 240W/60°C 80W/60°C |
| L3 Protocols | | | | | | | |
| L3 Routing | ● | | | | ● | | |
| Multicast Routing | ● | | | | ● | | |
| VRRP Gateway Redundancy | ● | | | | ● | | |
| SW/Protocol | | | | | | | |
| Management (SNMP V1/2c/3, CLI, Web, Trap, RMON) | ● | ● | ● | ● | ● | ● | ● |
| Traffic Priority (QoS) | ● | ● | ● | ● | ● | ● | ● |
| VLAN, P-VLAN, QinQ, GVRP | ● | ● | VLAN, GVRP | | ● | ● | ● |
| IGMP Query, Snooping, GMRP | ● | ● | IGMP Query, Snooping | | ● | ● | ● |
| IEEE 802.1AB LLDP | ● | ● | ● | ● | ● | ● | ● |
| IEEE 1588 PTP v1/v2 | IEEE 1588 PTP V1 | IEEE 1588 PTP V1 | IEEE 1588 PTP V1 | | ● | ● | ● |
| Jumbo Frame | 9.2Kbytes | 9Kbytes | | | 9Kbytes | | |
| DHCP (Server, Client, Opt 82, Port Based Server) | ● | ● | ● | ● | ● | ● | ● |
| HW/ME | | | | | | | |
| Housing Protection (IP) | IP30 | IP30 | IP30 | | IP31 | IP31 | IP31 |
| Dimension (HxWxD mm) | 145.2 x 198 x 120 | 145.2 x 198 x 120 | 145.2 x 198 x 120 | | 198 x 120 x 121.7 | 160 X 96.2 X 132 | 160 x 95 x 127 46.5 x 147.8 x 136 |
| Mounting | Wall Mount | Wall Mount | Wall Mount | | DIN Rail | DIN Rail | DIN Rail DIN Rail/ Wall Mount |
| Operating Temperature | -40~70°C | -40~70°C | -40~70°C | | -40~75°C | -40~75°C | -40~75°C -40~60°C |
| MTBF (hrs) | >375,000 | >375,000 | >365,000 | | >200,000 | >200,000 | >200,000 >272,000 |
| Certification | | | | | | | |
| Regulatory/Approval | CE/FCC/EN50155/ IEC 61373/ EN50121-3-2 | CE/FCC/EN50155/ IEC 61373/ EN50121-3-2 | CE/FCC/EN50155/ IEC 61373/ EN50121-3-2 | | CE/FCC/EN50121-4 | CE/FCC | CE/FCC/UL/ EN50121-4 CE/FCC/UL |
| Compliance Standard | | | | | | Heavy Industrial | Heavy Industrial |

● Supported