



FEATURES

- Using high quality integrated module to provide good electrical characteristics.
- Reliable data transmission and long-life span.
- Support for full-duplex or half-duplex mode, with automatic negotiation capability.
- The network port supports fully automatic cross identification
- Internal storage and forwarding mechanism, support multiple protocols.
- In line with the industrial-grade operating standards, MBTF in more than 300,000 hours
- Working power supply: DC48V, dual power redundancy, providing reverse polarity protection, short circuit protection, over voltage protection
- Wide operating temperature: -25~+75°C

ICOM-16018	
STANDARD	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE 802.3z, IEEE 802.3x, 802.3at, 802.3at
PORTS	Copper ports: 16* 10/100Base-T/1000Base-TX(2 groups of 2*4 10/1000/1000M RJ45), self adaptive RJ45 ports, full/half duplex mode, Auto MDI/ MDI-X connection Power Ports: supports DC dual power, dual power redundancy(6-contact 5.08mm spacing terminal block)
TRANSMISSION DISTANCE	Twisted pair: 10BASE-T: Cat3, 4, 5 UTP cables(≤250 m) 100/1000BASE-T(X): Cat5 or later UTP cables(≤100 m)
SWITCH PROPERTY	Backplane bandwidth: 52G Processing type: store and forward(full wire speed) Throughput: 38.688Mpps Jumbo frames: support 10KBytes MAC table size: 8k Buffer: 4.1Mbit data frames
LED INDICATORS	Power indicator: PWR (green light), Copper indicators for ports as follows: Gigabit copper ports, yellow light on is in Link/Act status, yellow light off is in link-down status. Yellow light on & blinking is in link-up, sending and receiving data. Green light on is for 1000M, green light off is for 10M or 100M.
LIGHTNING PROTECTION	Ethernet ports: common mode 6KV/differential mode 2KV Power ports: common mode 6KV/differential mode 4KV
ANTISATIC	Contact: 4KV, air: 8KV
INDUSTRIAL STANDARD	EMI: FCC Part 15 Subpart B Class A, EN 61000-6-4 (Industrial) EMS: IEC 61000-4-2 (ESD), Level 4 IEC 61000-4-3 (RFS), Level 3 IEC 61000-4-4 (EFT), Level 4 IEC 61000-4-5 (Surge), Level 4 IEC 61000-4-6 (CS), Level 3 IEC 61000-4-8 Shock: IEC 60068-2-27 Free Fall: IEC 60068-2-32 Vibration: IEC 60068-2-6
POWER SUPPLY	Accessing terminal: 6-contact 5.08mm spacing terminal block Input voltage: DC48V, Input current: max. 2A Standby power: < 1W; full load system power: < 65W PoE output budget: max. 100W Supports dual power redundancy Supports polarity reverse protection
TEMPERATURE	Operating temperature: -25~+75°C Storage temperature:-40~85°C Operating humidity: 5%~95%(non condensing)
IP	IP40
WARRANTY	3 Years