



FEATURES

- 8*10/100/1000Base-T copper ports + 4*1000Base-X SFP ports.
- 8*PoE+, compatible with IEEE 802.3af/at standards.
- The power supply of the single port is up to 30W, total PoE output power is up to 150W.
- Supports detect the PoE mode of the PDs and perform intelligent management such as restarting the PD.
- Support X-Ring private rings including single-ring, intersecting-ring, dual homing ring

ICOM-16014	
Business Ports	8 * 10/100/1000Mbps RJ45 PoE/PoE+ copper ports, Full/half duplex mode, Auto MDI/MDI-X connection, 4* 1000Base-X SFP ports
Debug Interface	1*RJ45 console port
LED Indicator	Power: PW1, PW2, System: RUN, SFP ports: LINK/ACT, Copper ports: ACT, PoE/PoE+: PoE
Digital Input	1xDigital input Wet Contact: -30 to +3 V for State 0, +13 to +30 V for State 1 Max input current: 8mA Dry Contact: Logic Level 0-Open; Logic Level 1-Close to GND
Alarm Contact	1x Relay output, current capacity, 1A/24VDC
Ethernet Standards	IEEE802.3u-100BaseTX, IEEE802.3ab-1000BaseT, IEEE802.3x-Flow Control, IEEE802.3z-1000BaseX, IEEE 802.1AB-Link Layer Discovery Protocol (LLDP), IEEE802.1D-Spanning Tree Protocol, IEEE802.1w-Rapid Spanning Tree Protocol, IEEE802.1Q -VLAN Tagging, IEEE802.1p -Class of Service
POE Standard	IEEE802.3 af, IEEE802.3at
POE Power	Max. 30W/port@IEEE802.3at, Max. 15W/port@IEEE802.3af, Total PoE Budget: Max. 150W
POE Ports	Port No.1~8 supports PoE/PoE+, automatically detects the standards of devices like IEEE802.3af or IEEE802.3at
Management	Supports console, and WEB management, Supports SNMP v1/v2c centralized management, RMON port mirroring, QoS, LLDP, DHCP Server, DHCP Client, Document management, Port statistics, SNTP time management
Redundancy Technology	Supports STP/RSTP, ERPS
Multicast	IGMP snooping, GRAP, static multicast
Security	User privilege classification, ACL, 802.1X authentication, port alarm, power alarm, storm control, SSHD deployment, Telnet deployment, HTTPS deployment
Input Voltage	DC48V, Phoenix Terminal
Operating Temperature	-40~+80°C(-40~176°F)
Storage Temperature	-40~+85°C(-40~185°F)
IP Rating	IP40, aluminum shell
Dimensions	135 mm* 135mm * 60mm
Installation	DIN-rail mounting, Wall Mounting
EMI	FCC Part 15 Subpart B Class A, EN 55022 Class A
EMS	IEC(EN)61000-4-2(ESD): Contact discharge: ±8kV, Air discharge: ±12kV, IEC(EN)61000-4-3(RS): 10V/m(80~1000MHz), IEC(EN)61000-4-4(EFT): Ethernet Port: ±4kV CM//±2kV DM; IEC(EN)61000-4-5(Surge): Ethernet Port: ±4kV CM//±2kV DM; IEC(EN)61000-4-6(Conducted RF immunity) 3V(10kHz~150kHz),10V(150kHz~80MHz), IEC(EN)61000-4-16(Conducted common mode disturbances immunity): 30V cont. 300V, 1s IEC (EN)61000-4-8
Shock	IEC 60068-2-27
Vibration	IEC 60068-2-6
Warranty	3 years