

DFO48G30MiXRGL

Ethernet 10/100/1000Mbps

Managed Fiber Optic Switch

24 Fiber Ports



DESCRIPTION

The DFO48G30MiXRGL Series are 19" L modular WEB network managed Indoor 30 Port Ethernet Fiber Switch. Units feature 24 x 1000 Base-FX bidirectional SFP fiber ports 4 x 1000Base-T copper ports + 1 Web Console port (and back-up) to transmit and receive 100/1000Mbps data over fiber optic cables. Units employ MDI / MDIX Full/Half Duplex Auto-Negotiation, Auto-sensing and compatibility with major Network Protocols. Features are: IP30 Aluminum enclosure, one Console port for advanced network management functions, low power consumption, LEDs for monitoring link status activity. With 100-240VAC, series DFO48G30MiXRGL are outstanding managed Ethernet Fiber Switches for commercial, industrial Network Installations.

FEATURES

- * Rack mount Web Managed Ethernet Gigabit Fiber POE Switch - Multi-drop configuration
- * 24 x 1000BaseX Fiber Bidi SFP ports
- * 4 x 1000Copper/Fiber Ports, Console Port
- * Auto-negotiation and auto-cross MDI-MDIX on all RJ-45 ports; non-blocking
- * Full duplex flow/half-duplex Interface control
- * Ethernet 802.3at(30W) 100BaseT/TX, 802.3af(15.4W) 1000BaseT/TX and 1000BaseFX IEEE80 3x Flow Control
- * Network Protocols: IGMP V1/V2/V3, GMRP, GVRP, SNMP, DHCP, TFTP, SNTp, SMTP, RMON, HTTP, TELNET, SSH, SYSLOG
- * Supports RTSP/STP/MSTP 802.1p/D/W
- * Enhanced Mechanisms Qos, TOS/DiffServ
- * Support VLAN, QVLAN Network Management
- * Switching Capacity greater than 56Gbps
- * Support LLDP Network Topology discovery
- * Port Loopback - Broadcast Storm protection
- * Port Locking authorized MAC address access
- * Power-on, Status and Data Traffic LEDs
- * Aluminum Materials Metal Enclosure
- * 100-240 VAC input Voltage, 30W power
- * Compliance with CE, FCC, ROHS

APPLICATIONS

- * Homeland Security
- * Correctional Centers
- * Petrochemical Industry
- * Corporate and Banking
- * Casinos and Hospitality
- * Health Care Centers
- * Schools and Universities
- * Government and Military
- * Power Generating Plants
- * Traffic Surveillance (ITS)

ORDERING INFORMATION

DFO48G30MiXE5RGL Gigabit Ethernet Switch, 24 x 1000Base-SX Fiber Ports, 4 x 1000M Copper/fiber combo ports, 1 x Web management console port + Backup, port, 20Km, 100-240VAC

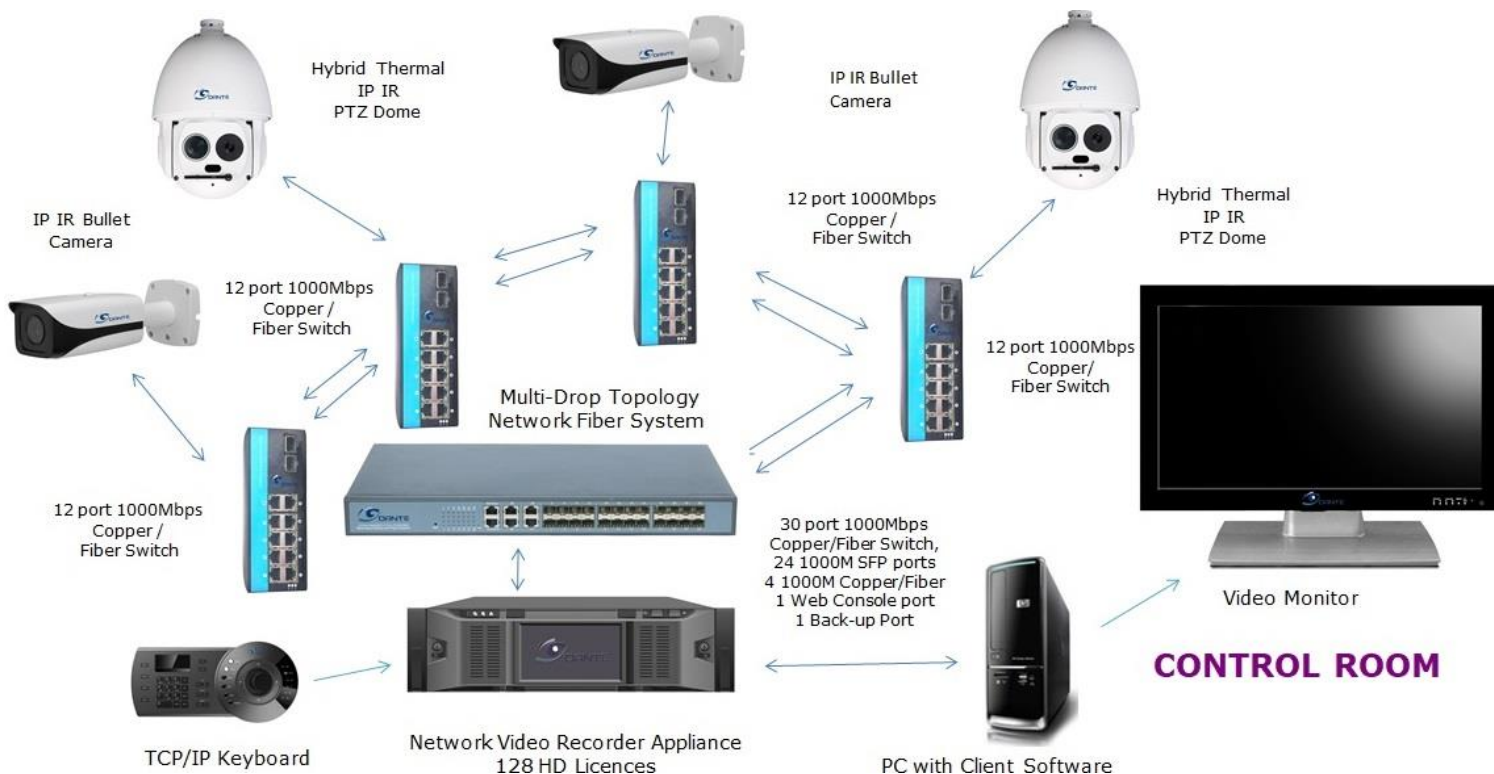


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Data Performance

Fiber Ports: 24 x 1000/BaseFX SFP LC
 Copper/Fiber Ports: 4 x 1000M adaptive RJ45/SFP
 Console Port: 1 Web Management+ Back-up
 Data Rate: 1000 Mbps
 Auto-negotiation and auto-cross MDI-MDIX on RJ-45 ports
 Network Standards: Ethernet IEEE 802.3at(30W)
 100BaseT/TX, 802.3af(15.4W)
 1000BaseT/TX 802.3, IEEE 802.3u;
 IEEE 802.1p, 100BASE-TX,
 10BASE-T, 100BaseFX/1000BaseX

Mechanical Parameters

Enclosure: Aluminum extrusions
 Dimensions W x H x D: 19"(440mm), 1.75"(45mm)
 10.7"(275mm) including ears
 Weight: 10.1 lbs. (4.5 Kg)
 Mounting: Rack mount

Power Supplies

Input/Power Output: 100-264VAC 30 Watts

Switch Properties

Mac Table: 8K
 Switch Capacity: >96Gbps
 Forwarding Rate: 1000Mbps: 1488000PPS

Switch Delay: <5µs
 Packet Buffer: 512Kbit Port Locking Address: for Authorized personnel only
 Priority Queues: 4
 Maximum # of VLANs: 4096
 IGMP Groups: 256
 MIB: MIB-II, P-Bridge, Q-Bridge, Private, RMON, Group1, 2, 3, 9

Environmental Parameters

Operating Temperature: 0°C to 40°C; 5% - 95%

LED Indicators

Power: Status
 Modules: Link/ACT

Management Console

Data Ports: RJ-45; Console Port

Regulatory Compliance

Agencies: CE, FCC, ROHS, IP30
 EMI: FCC (15); EN55022, 50082.2
 Electrostatic/ EMS: IEC61000-4-2; 61000-4-3
 Transient Response/ Surge: IEC61000-4-4; 61000-4-5
 Radio Frequency: IEC61000-4-6; IEC61000-4-8
 Magnetic Impulse: IEC61000-4-9, level 4
 Manufactured to: ISO9001:2000 Standards



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