DFO48M17MiXRGL
Ethernet 10/100/1000Mbps
Managed Fiber Optic Switch
17 Ports

DESCRIPTION

The DFO48M17MiXRGL Series are 19"L x 1U, modular network managed Indoor Ethernet Fiber Switch designed with 1 x management port, 8 x 10/100Base-T/TX, 8 x 1000 Base-FX fiber ports with bi-directional SFP modules designed to transmit and receive 1000Mbps data over fiber optic cable. Units employ MDI / MDIX Full/Half Duplex Auto-Negotiation, Auto-sensing and compatibility with major Network Protocols. Features include Aluminum enclosure; Web based network management functions, low power consumption and LEDs for monitoring link status activity. With 100-240VAC PSU, series DFO48M17MiXRGL are outstanding Managed Ethernet Fiber Switches for commercial, industrial Network Surveillance Installations.

FEATURES

* Indoor Rack mount Ethernet Fiber
  Switch for Multi-drop configuration
* 8 x 10/100Base-TX, 1 x Management Port
* 8 x 1000BaseX Fiber SFP ports
* Auto-negotiation and auto-cross MDI-MDIX
  on all RJ-45 ports; non-blocking
* Full duplex flow/half-duplex Interface control
* Ethernet 802.3 10Base-T, 802.3u 100Base-
  TX, 802.3ab 1000BaseT, 802.3z
  1000Base-X, 802.3x Flow Control
* Network Protocols: IGMP V1/V2, GMRP,
  GVRP, SNMP, DHCP, TFTP, SNTP, SMTP,
  RMON, HTTP, TELNET, SSH, SYSLOG
* Supports RTSP/STP/MSTP 802.1p/D
* Enhanced Mechanisms Qos, TOS/DiffServ
* Support VLAN, QVLAN Network Management
* Supports System software upgrades
  and save and restore Configuration files
* Switching Capacity greater than 8.8Gbps
* Port Loopback - Broadcast Storm protection
* Power-on, Status and Data Traffic LEDs
* Aluminum Materials Metal Enclosure
* 450W Power supply Unit; 100-240 VAC
* 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

DFO48M16MiXE9DGL   19" Gigabit Ethernet Switch, 1 x Management console port,
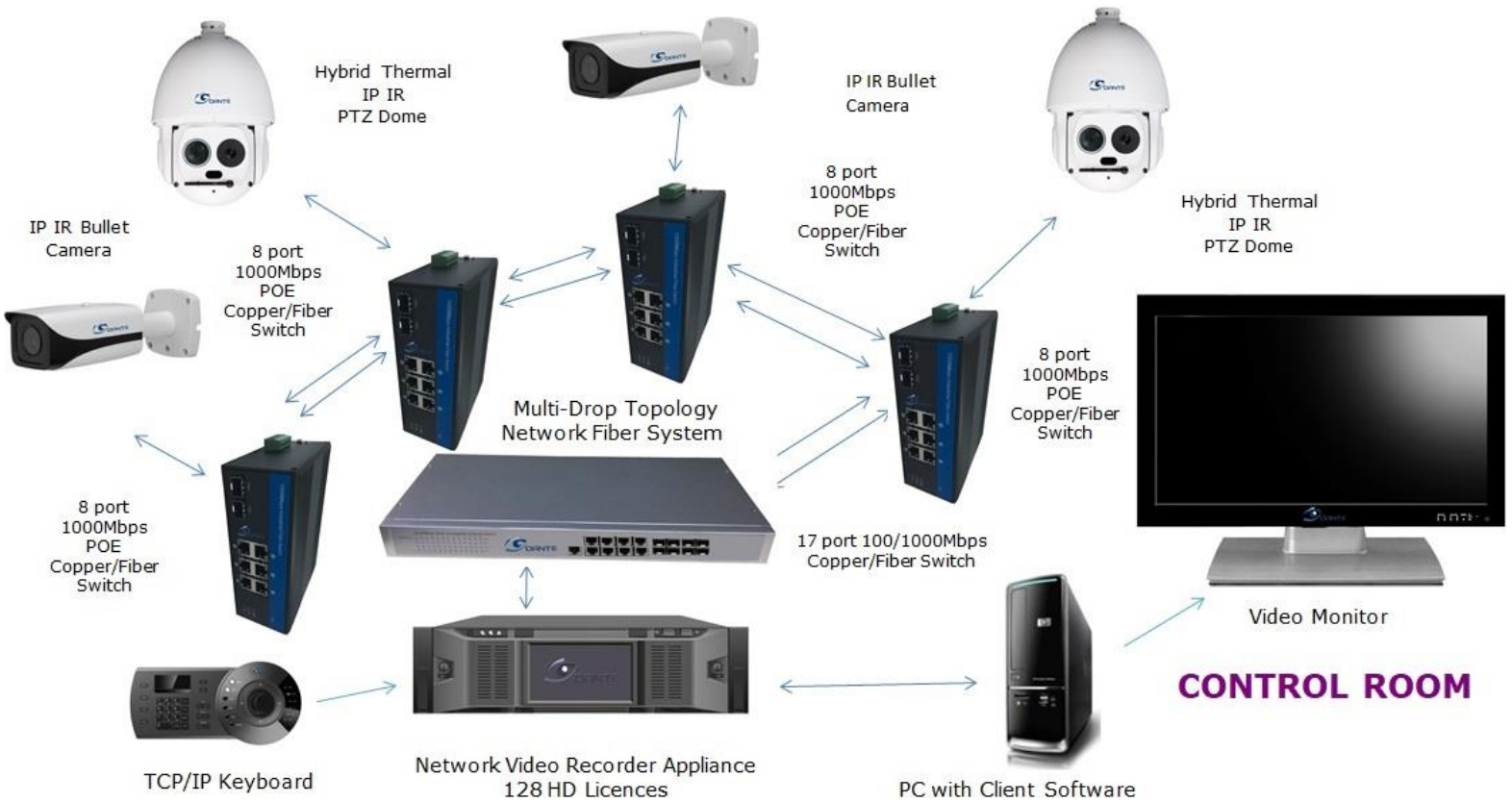   8 x 10/100Base-TX + 8 x 1000Base-X Fiber Optic Ports LC, 100-240VAC

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Data Performance

Electrical Ports:	8 x 10/100Base-T/TX RJ-45
Optional:	1 x Management port RJ-45
	8 x 1000/BaseFX LC
Data Rate:	8 x 10/ 100 Mbps, 8 x 1000 Mbps
	Fiber Ports SFP
Network Standards:	IEEE 802.3u 100Base-TX,
	IEEE 802.3ab 1000Base-T,
	IEEE 802.3z 1000Base-X

Mechanical Parameters

Enclosure:	Aluminum extrusions
Dimensions W x H x D:	19"(483mm), 1.75"(47mm)
	11.2"(255mm)
Weight:	5.7 lbs (2.5 Kg)
Mounting:	Rack mount

Power Supplies

Input/Power Output:	10-240VAC

Switch Properties

Mac Address Table:	4K
Back Panel Bandwidth:	>8.8Gbps

Switch Delay:	<5µs
Priority Queues:	4
Maximum # of VLANS	128
IGMP Groups:	256
MIB:	MIB-II, P-Bridge, Q-Bridge,
	Private, RMON, Group1, 2, 3, 9

Environmental Parameters

Operating Temperature:	0°C to 50°C; 5% - 95%

LED Indicators

Modules:	Link/ACT

Management Console

Data Ports:	RJ-45

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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