DFO48G08UiXDGL
Ethernet 1000Mbps
Unmanaged Fiber Optic Switch
Multi-Drop

DANTE

DESCRIPTION

The DFO48G08UiX9DGL Series are compact, field installable unmanaged, Ethernet Fiber Switches with 6 x 1000TX copper ports and 2 x 1000Base-X fiber ports for multi-drop topology transmission. Units are designed for today's edge appliance networks, feature high grade components, rugged temperature ratings – IP44 housings (no fan required) resists dust, dirt, moisture, insects and smoke. With 9-52VDC input voltages and DIN rail mount, the DFO48G08UiXDGL Series are a perfect solution for commercial and industrial IP Video surveillance installations.

FEATURES

* Unmanaged Ethernet 1000Mbps Fiber Switch
  for Multi-drop configuration
* 6x1000Base-TX Copper, 2x1000Base-X
* Auto-negotiation and auto-cross MDI-MDIX
* Full duplex flow/half-duplex Interface control
* Ethernet 802.3i, 802.3u, 802.3x; 10Base-T
  100BASE-TX, 1000BASE-T, 1000BASE-X
* Supports Reverse Connection
* Transmission mode: storage and forward
* System bandwidth > 40Gbps (non-jam)
* Power-on, Status and Data Traffic LEDs
* 20Km and 40Km SM Fiber Versions LC
* Standard DIN Rail Configurations
* 9-52VDC (use 24VDC) input voltages
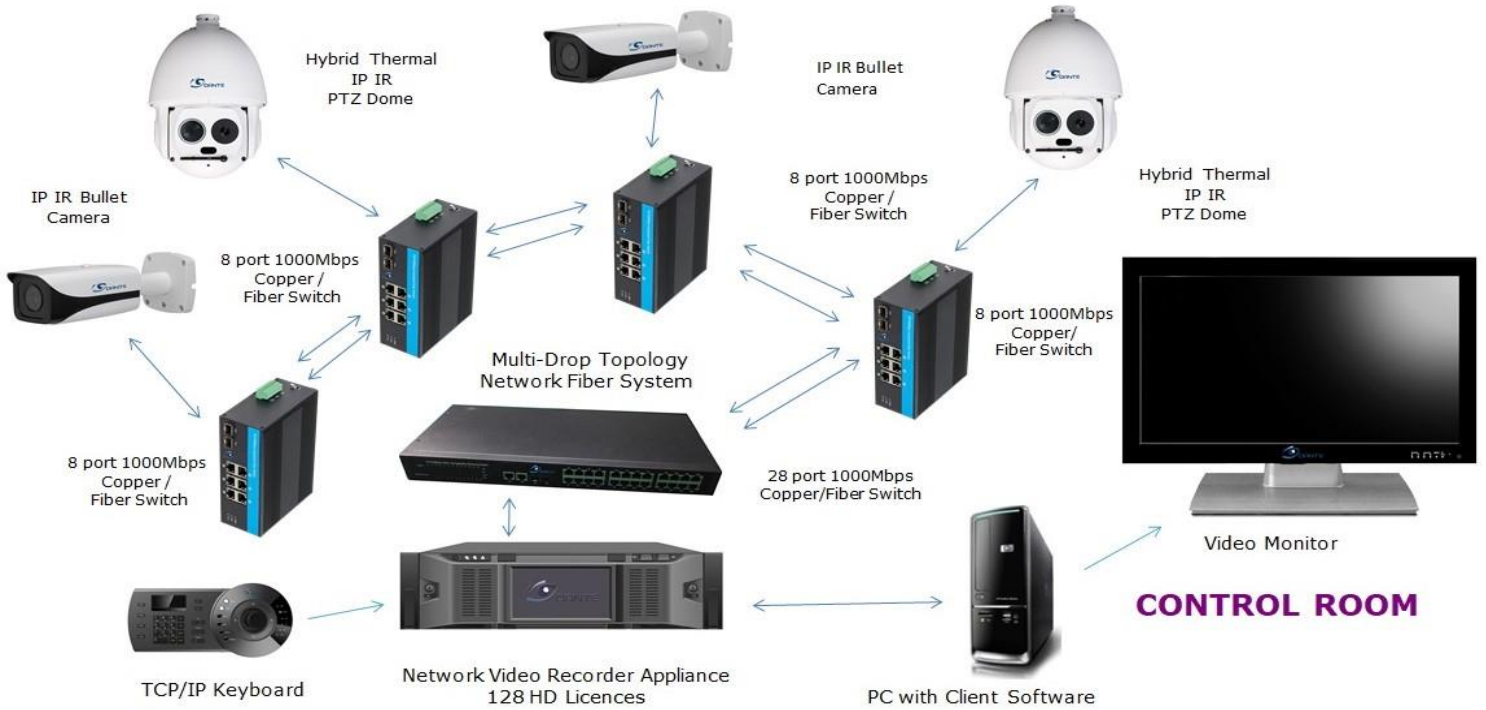* Compliance with CE, FCC, ROHS, IP44

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

DFO48G08UiXE9DGL   Unmanaged Ethernet Switch, 6 x 1000Base-TX Copper, 2 x 1000BaseX
                    Fiber Optic Ports TRX 20Km SM, Din Rail, 24VDC LC

DFO48G08UiXF9DGL   Unmanaged Ethernet Switch, 6 x 1000Base-TX Copper, 2 x 1000BaseX
                    Fiber Optic Ports TRX 40Km SM, Din Rail, 24VDC LC

DANTE

www.dantesecurity.net   Lynbrook, NY USA   **sales@dantesecurity.net**

Dante Security Specifications and appearance are subject to change without notice. Page 1   12/19/2019

DFO48G08UiXDGL
Ethernet 1000Mbps
Unmanaged Fiber Optic Switch
Multi-Drop

DANTE

Hybrid Thermal IP IR PTZ Dome

IP IR Bullet Camera

Hybrid Thermal IP IR PTZ Dome

IP IR Bullet Camera

8 port 1000Mbps Copper / Fiber Switch

8 port 1000Mbps Copper / Fiber Switch

8 port 1000Mbps Copper/ Fiber Switch

Multi-Drop Topology Network Fiber System

8 port 1000Mbps Copper / Fiber Switch

28 port 1000Mbps Copper/Fiber Switch

Video Monitor

CONTROL ROOM

TCP/IP Keyboard

Network Video Recorder Appliance 128 HD Licences

PC with Client Software

Data Performance

Fiber ports:	2 x 1000Base-X LC
Electrical Ports:	6 x RJ-45 1000Base-TX
RJ-45 Ports Data Rate:	1000 Mbps, FDX and HDX modes Auto-negotiation and auto-cross MDI-MDIX on RJ-45 ports
Network Standards:	Ethernet IEEE 802.3, IEEE 802.3u; IEEE 802.1af, 100BASE-TX, 1000BASE-T, 1000BASE-X

Mechanical Parameters

Enclosure:	Robust sheet metal Aluminum
Dimensions H x W x D:	6.2"(158mm), 2.4"(60mm) 4.53"(115mm)
Cooling Method:	Convection, case as heat sink
Mounting:	DIN Rail

Power Supplies

Power Input:	9-52VDC voltages
Power Connector:	Built-in screw terminal/jack
Power Consumption:	<5 Watts

Environmental Parameters

Operating Temperature:	–40°C to 85°C
Operating Humidity:	5% - 95% (non-condensing)

LED Indicators

Power:	ON for power applied
10/100 per RJ-45 port:	Steady ON for 100 Mb, OFF for 10 Mb speed
LK/ACT per port:	Steady ON for LINK with no traffic, blinking for Activity
F/H per port in end:	Steady ON for F/D mode, OFF for H/D mode

Regulatory Compliance

Agencies:	CE, FCC, ROHS, IP44
EMC disturbance:	EN55022
EMC immunity:	EN50082-2
EN55022:	Class A
Electrostatic/ EMI:	IEC61000-4-2; 61000-4-3
Transient Response/Surge:	IEC61000-4-4; 61000-4-5
Radio Frequency:	IEC61000-4-6
Vibration/Shock:	IEC60068-2-6; 60068-2-27
Manufactured to:	ISO9001:2000 Standards

Optical performance

Fiber type	Singlemode	Multimode
Wavelength	Laser 1310nm	Laser 850nm (500m)
Output Power	-26 dBm/-15 dBm	-18dBm
Receiver Sensitivity	-38 dBm	-35dBm
Optical Loss Budget	12 dB/23 dB	17dB

www.dantesecurity.net   Lynbrook, NY USA   sales@dantesecurity.net

Dante Security Specifications and appearance are subject to change without notice. Page 2   12/19/2019