

# OGEC-1800 Series *(Preliminary)*

## 8 Port Fiber Switch 10/100/1000 RJ45 to 1 SFP Ports

### Introduction

The OGEC-1800 series are 8 x 10/100/1000Base-T to 1 x 1000Base-X non-managed Industrial Switch that enables you to extend your network to longer distances. This series not only increases the speed of your network server, but also make Gigabit to the desktop/wall mount a reality. Generally, OGEC-1800 series is a high-performance solution for your network.



OGEC-1800 series is available in types of stand-alone box type and module/card type to meet versatile field installation demands like on desktop, wall-mount and rackmount. A 19-inch chassis can be used to accommodate up to 8 pieces of OGEC-1800 modules as an economic installation to save space in the control center. All OGEC-1800 models are subjected to a 100% burn-in test, and they support an operating temperature range of 0 to 75°C.

### Features

- Fixed Full-Duplex on Fiber
- Auto-MDI/MDIX on copper port
- Plug and Play, no configuration required
- Hot Swappable

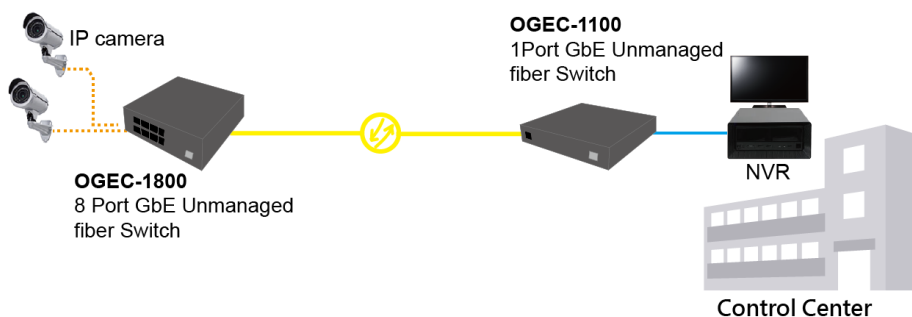
### Specifications

Standard		IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Fast Ethernet IEEE 802.3ab 1000Base-T Gigabit Ethernet IEEE 802.3z 1000Base-X Gigabit Ethernet IEEE802.3x traffic and back pressure	
LAN		10/100/1000Base-T(X), 1000Base-X	
Jumbo Frame Size		10Kbytes	
Transmission Distance	Ethernet	100m	
	Fiber	Multi-mode	500m *customized model up to 2km
		Single mode	20km *customized model up to 120km
Transmission Speed	Ethernet	10/100/1000Mbps	
	Fiber	1000Mbps	
Optical Fiber	Multi-mode	Wavelength: 1310nm Tx Power: -9/-12dBm Rx Sensitivity: -24dBm Parameters: 50/125μm, 62.5/125μm	
	Single mode	Wavelength: 1310nm/1550nm Tx Power: -2/-9dBm Rx Sensitivity: -20dBm Parameters: 9/125μm	
Auto MDI/MDIX	Yes (automatic detection of straight or crossover twisted pair cables)		
Connectors	8 x RJ-45		

	1 x SFP slot
LED Indicators	Power Fiber: Link x1 Ethernet: Activity x1
Power Input	Redundant power input: DC Jack & Terminal block Unit accepts 12 to 24VDC (External power supply)
Power Consumption	10W
Dimensions (W x D x H)	160 x 155 x 52 mm
Weight	960g (box) / 440g (card)
Enclosure	metal shell
Installation	Wall/Desktop
Power Reverse	Support
Overload Current	Support
Operating temperature	-40 °C ~ 75°C
Storage temperature	-40 °C ~ 85°C
Operating humidity	5 ~ 95% (Non-condensing)
Storage humidity	0 ~ 95% (Non-condensing)
MTBF	>50000 Hours
Safety	EN60950-1, IEC60950-1
Certification Compliance	CE, FCC, VCCI, C-Tick
EMC	EN61000-4-5
RoHS	Yes

## Application

### Outdoor Surveillance



## Ordering Information

Model Name	Description
OGEC-1800 BOX SFP	8x10/100/1000Base-T to 1x 1000Base-X media converter without SFP module
OGEC-1800 SM-SC-BIDI-20	8x10/100/1000Base-T to 1x 1000Base-X media converter with Single Mode SC BiDi SFP module (single fiber) , 20KM
OGEC-1800 MM-SC-BIDI-2	8x10/100/1000Base-T to 1x 1000Base-X media converter with Multi-Mode SC BiDi SFP module (single fiber), 2KM

OGEC-1800 SM-LC-2F-20	8x10/100/1000Base-T to 1x 1000Base-X media converter with Single Mode LC SFP module (dual fibers) , 20KM
OGEC-1800 MM-LC-2F-2	8x10/100/1000Base-T to 1x 1000Base-X media converter with Multi-Mode LC SFP module (dual fibers), 2KM

More information please check on our website at [www.hoatech.com.tw](http://www.hoatech.com.tw)