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## AADONA Diana DMC-1G1F

### Gigabit SFP Fiber Media Converter

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#### Key Features

- ◆ SFP slot accept 1.25G hot plug SFP module
- ◆ Broadcast filtering feature/Address auto learning/ Automatic update feature/Store and forward operating mechanism
- ◆ Cache is 512KB, MAC address table is 4KB
- ◆ Ethernet 10Base-Tx to 10 Base-Fx or 100Base-Tx to 100Base-Fx or 1000Base-Tx-1000Base-Fx fiber media converter
- ◆ Support IEEE 802.3af, IEEE 802.3U, IEEE 802.1X, IEEE 802.3Z/AB, IEEE 802.1d protocol
- ◆ Supports full-duplex or half-duplex back pressure flow control work, and with auto-negotiation capability
- ◆ TP port supports 1000Mbps 100Mbps, 10Mbps,
- ◆ Provide remote link loss diagnostics, TP port and FX port link connection diagnostic, dynamic data transmission, full / half duplex, rate indicator
- ◆ Provide single RJ-45 port , and support automatically cross-recognition, connected with switch, set line
- ◆ FX port with good feature, strong compatibility and high reliability, can be well compatible with all industry standard network devices.
- ◆ Excellent after-sales service, providing three years quality assurance and life-long maintenance services

## Specifications

Product Name	Gigabit SFP Media Converter with Internal Power Supply
Product Model	DMC-1G1F
Connector Type	1x copper cable RJ45 port +1x SFP port
Bandwidth	Fiber bandwidth 1.25G; Ethernet Bandwidth: 1.6Gbps (non-blocking)
MTBF	190,000 hours (about 21 years)
Network Protocol	IEEE 802.3i 10BASET; IEEE 802.3u 100BASETX; IEEE 802.3x Flow Control; IEEE 802.1af DTE Power via MDI
Optical Fiber	Support single mode or multi-mode fiber 1.25Gbps, dual LC/single SC/LC optional (based on different SFP optical module)
Optical Distance	20km
Interface Rate	10/100/1000M
LED Display	System, Power, Connecting, working status
Power Consumption	<5W
Dimension	150 × 110 × 30 cm
Working Environment	Working Temperature:-20°~ 75°C; Storage Temperature: -40~ 85°C; Working Humidity: 5% ~95%, non-condensing; Storage Humidity: 5% ~95%, non-condensing; Operational Altitude: 3000m (10,000ft); Storage Altitude: 3000m (10,000ft)
Certification	CE, EN, RoHS
Warranty	2 year warranty

### Application

- ◆ Harsh industrial environment or higher requirements for lightning protection
- ◆ Urban Intelligent Traffic Monitoring System (ITS), Safe City
- ◆ Highway monitoring system, electronic road monitoring, network cameras
- ◆ Large industrial enterprise security monitoring systems, network multi-function system
- ◆ Remote multimedia teaching / campus monitoring, remote network video conference system

\*All specifications are subject to change without notice.