

VDS810S-NMN Gigabit Industrial Media Converter 1*10/100/1000Base-T, 1*1000Base-X SFP Slot

Description

The VDS810S-NMN is an industrial level gigabit media converter with 1*10/100/1000Base-T auto sensing electrical port and 1*1000M SFP slot. VDS810S-NMN extends communications distance with gigabit performance via fiber optic cable, providing media conversion between 10/100/1000Base-T and 1000Base-SX/LX interfaces such as multi-mode LC/SC connectors (500m), single-mode LC/SC connectors (20~120km) for various fiber optic applications. Plug-and-play design makes installation straightforward, with no electrical or optical adjustment needed. LED indicators are provided to show the operational status of the unit. Rugged design in both enclosure and electrical protection makes it suit for application in harsh environment. The series is available in wall or DIN mount, and 2U passive rack DV212 is available for purchase.



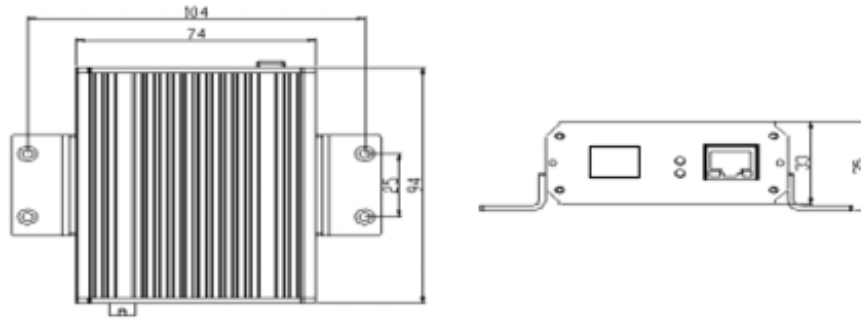
Features

- 6kV surge protection on electrical port
- EMC level 3 protection
- IP40 enclosure
- Plug-and-play, no adjustment required
- -40~+75°C operating temperature

Specification

Item		Description
IEEE Standards	Standard	IEEE 802.3: 10Base-T
		IEEE 802.3u: 100Base-Tx and 100Base-Fx
		IEEE 802.3z 1000Base-X
		IEEE 802.3ab: 1000Base-Tx
		IEEE 802.3x
Electrical	Data Port	1 (RJ45)
	Data Rate	10/100/1000Mbps auto sensing
	Surge Protection	6KV (CM); 2KV (DM)
Optical	Optical Port	1 (SFP slot)
	Connector	SFP module
	Wavelength	850/1310/1550nm
	Data Rate	1000Mbps
	Fiber Type	Single mode/multi-mode; 1 or 2 fibers
	Typical Transmission Distance	500m (MM); 20km (SM); Longer distance is available
Power	Power input	220VAC to 12VDC/1A
Environment	Storage Temperature	-40~+85°C
	Operating Temperature	-40~+75°C
	Operating Humidity	5%~95% non-condensing
Mechanical	Dimensions (W x D x H)	74 x 94 x 33
	Weight	0.2KG
	Installation	DIN/Wall/rack mount

Dimensions



Order Information

Order Information		
Name	Part Number	Description
Gigabit Media Converter	VDS810S-NMN	Stand-alone industrial Ethernet media converter with 1*10/100/1000M electrical port and 1 gigabit SFP slot, with 12V/1A UK/US/EU/AU/CH power adapter. Wall/DIN/rack mount.
Accessories		
1G SFP Transceiver	VDF-3232-ISL	SFP 1G, 2 fibers, 1310nm, 3.3V, 20km, LC, single-mode, DDM
1G SFP Transceiver	VDF-31352-ISL	SFP 1G, 1 fiber, 1310/1550nm, 3.3V, 20km, LC, single-mode, DDM
1G SFP Transceiver	VDF-31532-ISL	SFP 1G, 1 fiber, 1550/1310nm, 3.3V, 20km, LC, single-mode, DDM
2U Passive Rack	DV212	2U 19" rack for up to 12 stand-alone media converters, without power supply.



DV212



DV212 with media converters mounted