

Model:

VDS301/304



### Features:

- 100M point-to-point miniaturization Ethernet fiber converter
- Single parallel/cross- adaptive RJ45 ports. Arbitrarily chosen or both
- 1 wavelengths WDM (1310nm/1550nm)
- Standard: IEEE802.3, IEEE802.3u, IEEE802.3x
- 10/100M Rate automatically adapt
- External high-quality switching power adapter
- LED indicators for all working status; easily install and maintain
- Hot swap. Plug-and-Play
- Anti- static electricity, anti-lightning, and good EMC compatibility

### Order Information:

Model	Wavelength	Fiber	Transmit distance
VD301- <u>S</u> / <u>M</u> / <u>L</u> / <u>O</u> - <u>M</u> / <u>R</u> / <u>U</u> - <u>F</u>	1310/1550nm	1	20km (40/60/80km optional)
VDS304- <u>S</u> / <u>M</u> / <u>L</u> / <u>O</u> - <u>M</u> / <u>R</u> / <u>U</u> - <u>F</u>	1550/1310nm	2	20km (40/60/80km optional)

Suffix: S/M/L/O: S-20km, M-40KM, L-60KM, O- customized; M/R/U: M-Stand-alone, R-19"1U Rack-mount, U-19"4U Rack-mount; F: F-FC connector Special needs can be customized

Note: Optical fiber transmission distance is limited to optical path loss and additional loss of connectors and patch panels.



## Specification:

Ethernet		Power/Environmental	
Standard	IEEE802.3, IEEE802.3u IEEE802.3x	Stand-alone	0.3A@5VDC
Transmit ratio	10/100Mbps Self-adaptive	Power adapter	220VAC to 5VDC/1A
Port	1 RJ45	Working temperature	-40°C to +70°C
Transmitted distance	120m (Max.)	Relative humidity	< 95% (non-condensing)
Connector	RJ45 Parallel/Cross-adaptive		

  

Physics		Optical	
Stand-alone(mm)	71 x 95x 26	Wavelengths	1310/1550 nm/CWDM
Stand-alone (kg)	0.5	Fiber type	SM (MM optional)
		Max. link loss	12dB (more optional)
		Output power	-5 ~ -12dBm
		Receiver Sensitivity	-35dBm
		Connector =	FC (SC or other for optional)

## Application:

- Security HD Network Video Surveillance System
- Broadband website: government, petroleum, finance, railway, power supply, police, traffic, education, etc.
- Multimedia transmission: image, voice, data, distance education, video conference and video telephone
- RTA: real-time control signal, image and data simultaneous transmission
- Resistant to harsh environments: strong electromagnetic interference, long distance network.

## Dimension (mm)

