



1 Channel Video Series Video Multiplexer

OP-VM-1V



Shenzhen Optostar Optoelectronics Co., Ltd

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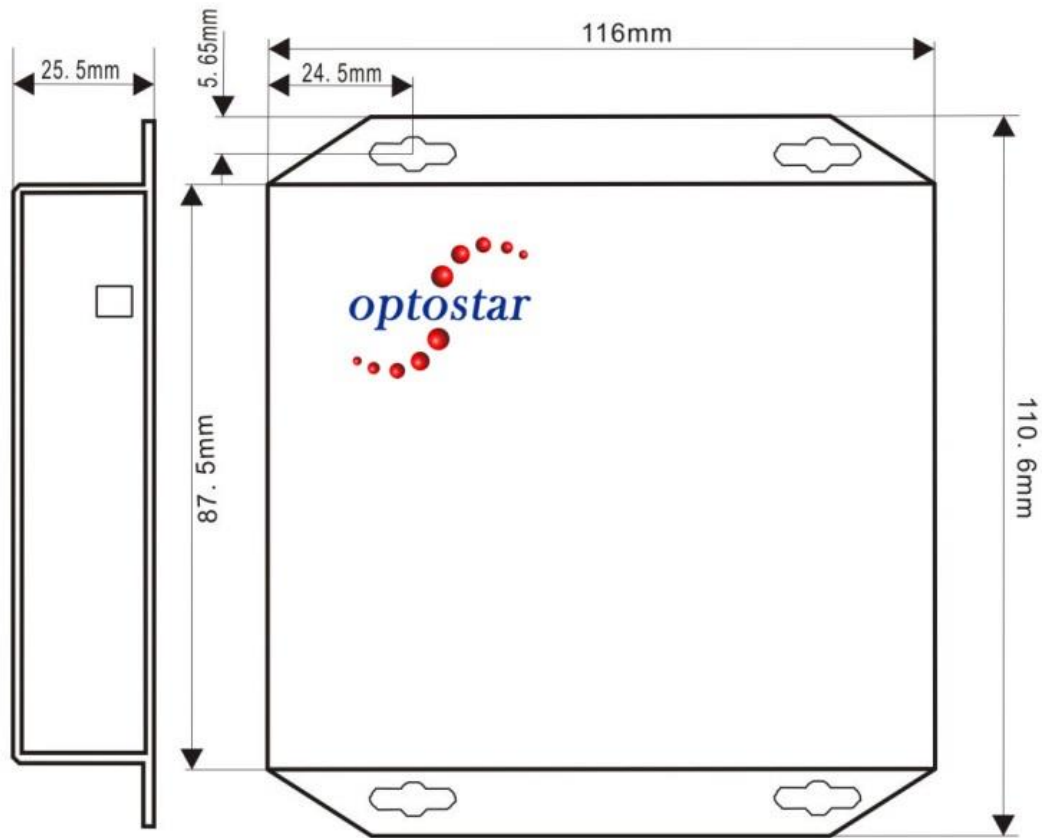
Product Features

- Card-type or Stand-alone type for your choice; suitable for concentration management in 2U/4U Racks
- 10 –digit coding and non-compression video transmission
- supporting any high –resolution video signal
- Video Band-Width: 10MHz
- automatically compatible with PAL, NTSC and SECAM video format
- With APC circuit, constant output optical power and wide dynamic range
- Large capacity of gigabit optical fiber transmission, easy for upgrading
- Supporting video intact regenerative relay
- Supporting advanced SNMP standards, realise long-distance web-controlling
- LED indication of power and other parameter status, monitoring real-time operation
- Modularized and industrialized design ensuring reliability and flexibility
- Advanced auto- adaptive technology avoiding on-site electric or optical regulation
- Capable of auto resumption of power fuse

Target Industries

- Intelligent transportation supervisory system (ITS)
- High-speed Way supervisory/Tele-Communication System
- Security protection system, TV medical treatment
- Long-distance Muti-media Schooling, Campus monitoring
- Long-distance broadcast television transmission system
- High-building Security Protection, Military Tele-Com projects

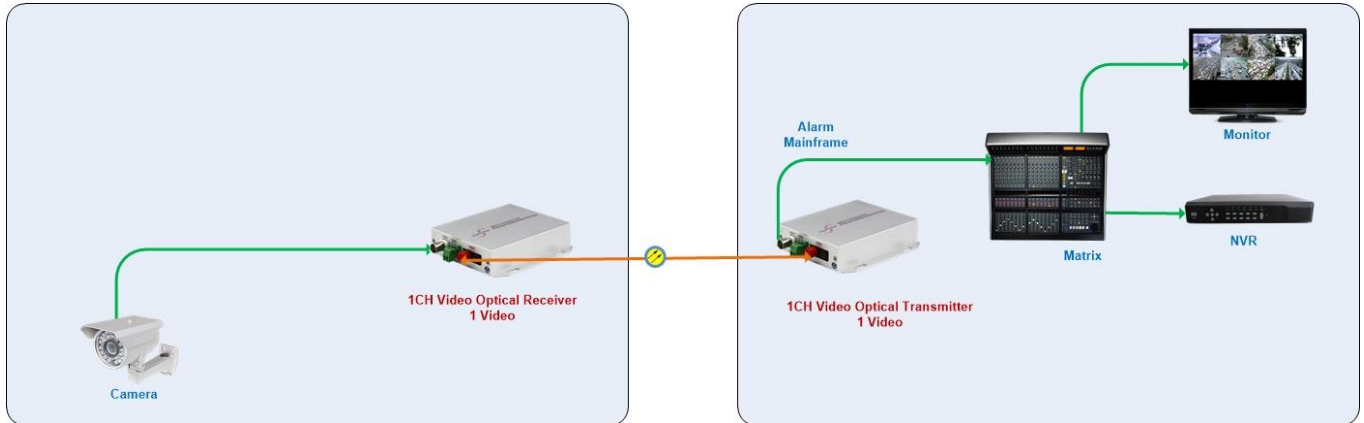
Product Size



Technical Parameter

Product Name	1 Channel Video Optical Transceiver
Product Model	OP-VM-1V
Connector Type	1-Channel Video
Video Interface	BNC
Video Bandwidth	10MHz
Video Bit Wide	8/10/12
Differential Gain	(10%-90%APL) DG<1%
Differential Phase	10%-90%APL) DG<0.7dB
Video SNR	S/N≥70dB

Application



Order Information

Model	Description	Max Transmission Distance (KM)
OP-VM-1V-M-2	1 Channel Video Series	2KM(Multi-mode)
OP-VM-1V-S-20	1 Channel Video Series	20 KM(Single-mode)
OP-VM-1V-S-40	1 Channel Video Series	40 KM(Single-mode)
OP-VM-1V-S-60	1 Channel Video Series	60 KM(Single-mode)
OP-VM-1V-S-100	1 Channel Video Series	100 KM(Single-mode)

Note: The interface can be ST or FC, according to the different requirements from customers. The fiber optic transmission distance can be ordered. (40km, 60km, 100km)
 (V:Forward Video;E: Bi-directiona Video; R: data; D:Bi-directiona Data; W:Switch/alarm;F:10/100M Ethernet;T:TelePhone)
 S-40:40KM; S-60: 60KM

Package include

No	Package List
1	Video Multiplexer Multiplexer
2	User Guide
3	Warranty Card
4	Qualified Certification
5	Power Adapter
6	Facility

Important Notice

Performance figures, data and any illustrative material provided in this data sheet are typical and must be specifically confirmed in writing by OPTOSTAR before they become applicable to any particular order or contract. In accordance with the OPTOSTAR policy of continuous improvement specifications may change without notice.

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