



32CH Video +2CH Reverse Data +1CH Audio

OP-VM-32V2R1A



Shenzhen Optostar Optoelectronics Co., Ltd

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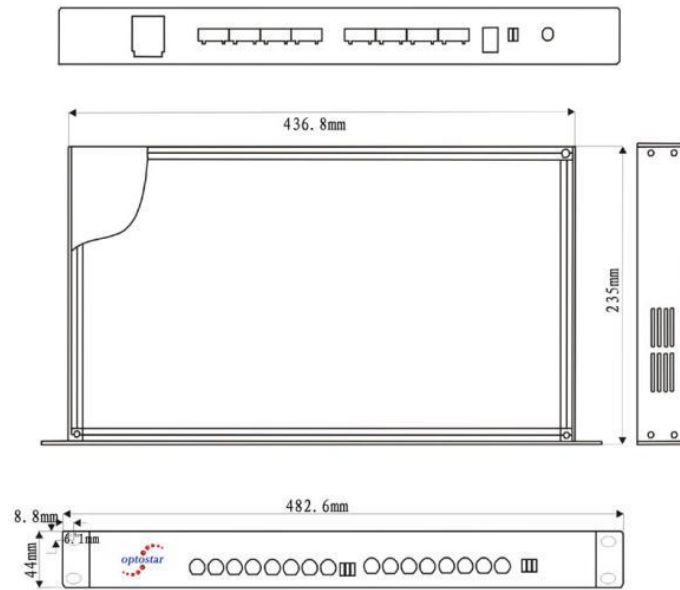
Product Features

- Card-type or Stand-alone type for your choice; suitable for concentration management in 1U Racks
- 10 –digit coding and non-compression video transmission
- supporting any high –resolution video signal
- automatically compatible with PAL, NTSC and SECAM video format
- Supporting video intact regenerative relay, the video transmission can be reach above 200km
- 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

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

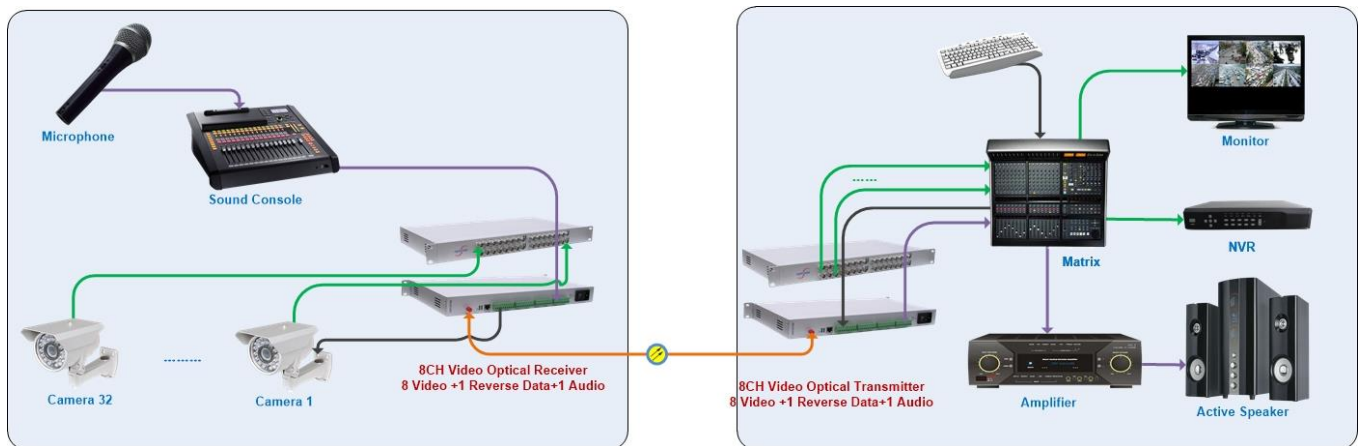


Technical Parameter

Technical parameter list	
Product Name	32CH
Product Model	OP-VM-32V2R1A
Connector Type	32
Video Interface	BNC
Video Bandwidth	10MHz
Video Bit Wide	8/10/12 biy
Differential Gain	(10%-90%APL) DG <1%
Differential Phase	(10%-90%APL) DP <0.8°
Video SNR	S/N ≥ 70dB
Data Interface	industrial interface; RS-485 ,RS232 or S422
Data Bit Rate	0-1024Kbps
Audio Interface	industrial interface

Audio	20Hz~20kHz
Bandwidth	
Audio SNR	S/N≥85dB
Alarm Feature	switch short circuit signal,high and low level signal input; NO and NC signal output
Protocol	IEEE802.3U 100Base-TX,CPTcat5, 10/100M auto adaption
Fiber Feature	single mode single fiber, FC port
Power Supply	AC85-260V/50Hz
Power Consumption	18 w(Input:DC5V 5000mA)
Working Environment	environmental temperature:-40 ℃~+85 ℃, storage temperature:-45 ℃~+95 ℃, humidity:0~95%
Dimension	LxWxH:482.6X235X44mm
Certification	FCC
Warranty	3 years

Application



Order Information

Model	Description	Max Transmission Distance (KM)
OP-VM-32V2R1A-M-0.5	32 Video+ 2 Reverse Data +1 Audio	0.5 KM(Multi-mode)



OP-VM-32V2R1A-S-20	32 Video +2 Reverse Data +1 Audio	20 KM(Single-mode)
OP-VM-32VR1B-S-20	32 Video +2 Reverse Data +1 Bi-directional Audio	20 KM(Single-mode)
OP-VM-32V2R2W1B-S-20	32 Video +2 reverse Data + 2 Alarm + 1 Bi-directional Audio	20 KM(Single-mode)
OP-VM-32V1R1D1B-S-20	32 Video + 1 reverse Data +1 Bi-directiona Data + 1 Bi-directional Audio	20 KM(Single-mode)
OP-VM-32V1D1W1B-S-20	32 Video +1 Bi-directiona Data + 1 Alarm + 2 Bi-directional Audio	20 KM(Single-mode)
OP-VM-32V2D2W8B-S-20	32 Video +2 Bi-directiona Data + 2 Alarm + 8 Bi-directional Audio	20 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...)

(F:10/100M Ethernet;G:10/100/1000 Ethernet; T:Telephone ; V:Forward Video;E: Bi-directiona Video; A:Forward audio; B:Bi-directiona audio; R: reverse data; D:Bi-directiona Data; W:Switch/alarm)

S-40:40KM; S-60: 60KM; S-100: 100KM -S: Single-mode; -M: Multi-mode

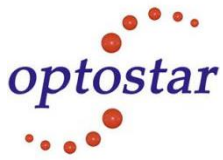
Package include

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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