



# User's Manual

**SUN-VMC Optical Video Media Converter**

**English**



## 1. Instruction

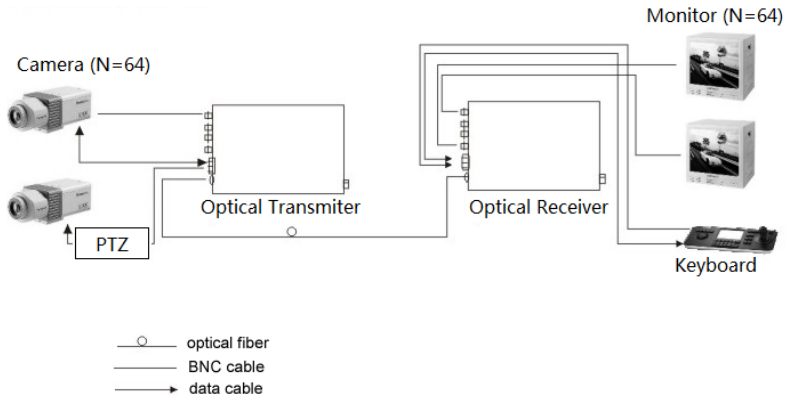
Sun Telecom's SUN-VMC series of media converter is based on SOC advanced digital signal processing technology and provides customers with a high quality solution for transmission of uncompressed digital video. This series of converters can also transmit audio, data, telephone, Ethernet and On/Off signals over a single optical fiber. The optical and electrical interfaces of this series of converters follow international standards and are applicable in different types of working environment.

## 2. Packing List

No.	Product	Unit	Quantity
1	Optical Video Media Converter	pair	1
2	Power Adapter (Only for Standalone type VMC)	piece	1
3	Power Line (Only for Rack type VMC)	piece	1
4	User's Manual	piece	1
5	Certification	piece	1

\* Card type media converters **DO NOT** include any power line or adapter and are used with the rackmount chassis.

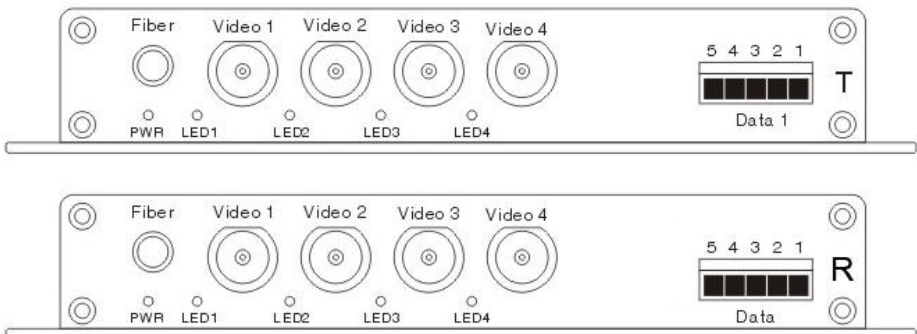
### 3. Installation



#### Note

- (1) Connect the video interface of optical transmitter (Tx) to camera. Then connect the optical fiber port, and connect the power supply
- (2) Connect the video interface of optical receiver (Rx) to monitor. Then connect the optical fiber port, and connect the power supply
- (3) There is a one-to-one correspondence between the videos of transmitter and receiver

### 4. LED Indicator Instruction





Name	Function	Description
PWR	LED lamp for power supply	when turn the power on, this lamp will be on and red
		when shut down the power, this lamp will be off
LED 1	LED lamp for video	when get video signals, this lamp will be on
		when no video signals, this lamp will be off or blink
LED 2	LED lamp for video	when get video signals, this lamp will be on
		when no video signals, this lamp will be off or blink
LED 3	LED lamp for video	when get video signals, this lamp will be on
		when no video signals, this lamp will be off or blink
LED 4	LED lamp for video	when get video signals, this lamp will be on
		when no video signals, this lamp will be off or blink

**\*Remarks:** 5-16 channels optical video media converters have the similar LEDs with this 4-channel one. Other connection graphs like audio, data, on/off (switch) will be showed separately.



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## Warranty Instructions

### Warranty

We promise three years warranty for the SUN-VMC series of media converter.

During the warranty period, we provide free maintenance service, but in following circumstances, we will require the cost of materials and components

- Damage caused by not following the instructions of user's manual
- Damage caused by unauthorized disassembling the product
- Damage caused by lightning, fire and irresistible natural disasters
- Damage caused by matching problems due to poor design of other manufacturers' products

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