

## 1 Channel Digital Video Optical Transmitter & Receiver ( Alıcı / Verici)

### Overview

The Product provides customer with the most cost-effective solution for transmission of 1 channel uncompressed digital video, 1 reversed stereo audio and 1 reversed RS232/RS422/RS485 data over one single fiber cable. It is an easy installation and adjustment free device while providing high quality, real-time video. The product may also be maintained by our future product, FB-V1000NMS, a Network Management System.

Applications for this product include CCTV, video surveillance, homeland security, ITS and etc.

### Features

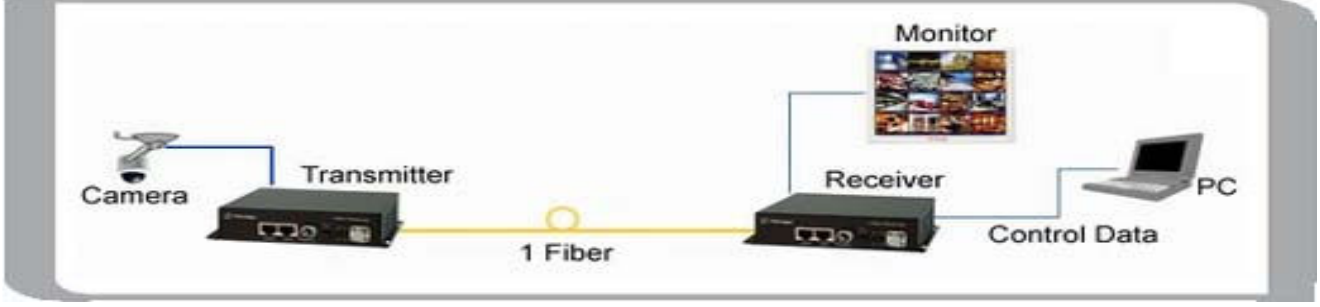
- Transports 1 channel digitized, high quality, uncompressed video
- 8MHz video bandwidth, Compatible with NTSC, PAL and SECAM
- Provides 1 reversed stereo audio and 1 reversed data transmission over same optical fiber
- Easy installation and adjustment free
- Transmission range up to 120KM depending on model
- RS232, RS422/RS485 compatible data interfaces
- Stand alone operation or mount in chassis

### Specifications

- **Power:**  
220VAC/50Hz, standalone device  
0.2A@12VDC for rack card
- **Indicators:**  
Power, Link Status, Video Signal  
Audio status, Data traffic
- **Video:**  
Format: PAL/NTSC/SECAM  
Video Signal: 1Vp-p, 75ohm  
Digitization: 8bits/10bits  
Bandwidth: 8MHz  
DG <1%  
DP <1 degree  
SNR >60dB(weighted)  
Connectors: 1 BNCs
- **Physical Dimensions:**  
176X220X25.4(mm) Card  
130 x 122 x 36(mm) Standalone
- **Audio**  
Channel: 1 stereo audio  
Audio Input: unbalanced, 600Ohms  
Digitization: 16bit@48k  
Frequency: 10Hz to 20KHz  
SNR: >70dB  
Connector: RJ45 or RCA
- **Data:**  
Channel: 1, Reversed  
Data Rate: 0~23.04Kbps/channel  
Selectable RS-232/RS-422/RS-485  
Connector: RJ45 or Terminal Block with Screw Clamps
- **Environment:**  
Operating: -40oC~+70 oC  
Storage: -40oC~+85 oC  
Humidity: 0-95% Non-Condensing



## Typical Application



## Order Information

Fiber Type	Video Transmitter	Video Receiver	Range	Comment
Multimode (62.5/125um)	F7-1VT -M2S	F7-1VR-M2S	< 2Km	video only
	F7-1VT-1AR-1DR-M3S	F7-1VR-1AT-1DT- M3S	< 2Km	
	F7-1VT -S122S	F7-1VR-S122S	120Km	video only
Single Mode (09/125um)	F7-1VT-1AR-1DR-S042S	F7-1VR-1AT-1DT-S042S	40Km	
	F7-1VT-1AR-1DR-S082S	F7-1VR-1AT-1DT-S082S	80Km	

CCTV sistemi için fiber üzerinden analog kamera görüntü aktarımını sağlar. Alıcı ve verici cihaz birlikte kullanılır. 1 kanalın anlamı 1 adet analog kamera görüntüsünü taşıyabileceğiniz anlamına gelir. 2-4-8-16-32-64-128 kanallı alıcı verici cihazlarımızda mevcuttur. Analog kameradan gelen koaksiyel kabloyu fiber kabloya çevirir. Video'nun yanında kontrol için data ( RS232 , RS485 ), Ethernet yada E1 aktarımı yapılabilir.

Not: IP kameraları fiber üzerinden taşımak için sadece ethernet / fiber ( Medya çevirici) dönüştürücüye ihtiyaç vardır.

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Haberleşme sistemlerinde **yüksek performansı** yakalayın

