



DW-VCX1 Series **1 Channel Video Converter**

Features

- ◆ Transport 1 channel digitized, high quality, uncompressed video
- ◆ ≤ 10 MHz video bandwidth, Compatible with NTSC, PAL and SECAM
- ◆ Provide 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 DW-VCC1 chassis



Description

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, FHC-6000M, a Network Management System.

Application

- ◆ CCTV,
- ◆ video surveillance,
- ◆ homeland security,
- ◆ ITS



Specifications

Video	Format: PAL/NTSC/SECAM Signal: 1Vp-p, 75Ω Digitization: 8bits Bandwidth: 6.5MHz DG < 1% DP < 0.5o SNR > 60dB(weighted) Connectors: 1 BNC
Audio	Channel: 1 stereo audio Input: unbalanced, 600Ohm Digitization: 16bit@48k Frequency: 10Hz to 20KHz SNR: > 70dB Connector: RCA
Data	Channel: 1 reversed Rate: 0~23.04Kbps/channel Selectable RS-232/RS-422/RS-485 Connector: RJ45
Power	220VC/50Hz DC12V,DC24V,DC48V for optional
Indicators	Power Link Status Video Signal Audio status Data traffic
Environment	Operating: 0°C~70°C Storage: -40°C ~ 85°C Humidity: 0~95% Non-Condensing
Physical Dimensions	12.5*96*27cm 0.6kg

Ordering Information

Part Number	Description
DW-VCT1V-02	Transmitter, 1 Channel Video, multimode, 2km
DW-VCR1V-02	Receiver, 1 Channel Video, multimode, 2km
DW-VCT1V1D-20	Transmitter, 1 Channel Video, 1 channel reversed data, single mode, 20km
DW-VCR1V1D-20	Receiver, 1 Channel Video, 1 channel reversed data, single mode, 20km
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