

Optical Video Transmitter and Receiver

- Robust metal casing
- Lightning-proof solution
- Low optical link loss – max 30dB
- Without EMI, RFI and ground loop
- Bi-di transmission on 1 fiber with WDM
- Hot plug-and-play with switch power supply



4ch ↑ WT/R AHD/TVI/CVI optical video transmitter and receiver transmits 4ch AHD/HDTV/HD-CVI video signals on optical fiber. It is designed to transmit AHD/HDTV/HD-CVI high-definition composite video for long-distance. 720P, 960P, 1080P and other video signals are adaptive. It achieves high-definition video transmission without delay and compression, with high reliability.

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| Optical | Wavelength | 1310nm/1550nm |
| | Output Power | -8-3dBm |
| | Optic fiber | Single mode:20Km/40km, multimode:550m |
| | Receiving sensitivity | -30dBm |
| | Interface | FC standard, ST/SC optional |
| Video | Channel Quantity | 4ch, from camera to control center |
| | Video Input /Output Amplitude | typical 1Vpp (peak-to-peak), peak 1.2Vpp |
| | Video Input Impedance | BNC 75Ω (unbalanced) |
| | Digital Sampling | 64MHZ |
| | Digital Bandwidth | 512MHZ |
| | Differential Gain Phase | 10%-90% APL DG<1% (typical) |
| | Video Bit Width | 8 bit |
| | S/N ratio | >70dB |
| | Interface | BNC |
| Electrical. Environmental. Mechanical | Operating voltage | DC 5V1A |
| | Operating temperature | -20°C to +70°C |
| | Storage temperature | -45°C to +85°C |
| | Humidity | 0-95%non-condensing |
| | Dimension-standalone | 179mm ×128.5mm ×28.5mm |
| | Weight | 0.40kg/piece |