



1CH HD Video Digital Optical Converter

K1405

SKU: 17573

Karbon A/V 1CH HD Video Digital Optical Converter K1405

Features

- Lossless non-compression real time transmission.
- 8 bit video signal sampling bandwidth.
- Automatically identify formats of input video ?AHD/TVI/CVI/PAL/NTSC/SECAM
- Support 720P/25/30/50Hz, 960P/25/30Hz, 1080P/25/30Hz, 5MP/14Hz
- Through LED indicators to inform its functional mode
- Advanced lightning protection design ,support 5.7KV lightning protection
- Industrial wide range of operational temperature
- Stand-alone or Rack-mounted, simple installation.

Optical Wavelength WDM:1310nm/1550nm Output Power -8~3dBm Optic fiber 50/125u multimode 62.5/125u multimode 9/125u single mode Rx sensitivity -26dBm Optical connector FC Distance 0~550M (MM) / 0~80KM (SM) (Default distance is 20Km) Video Number of Channels 1 Input/output impedance 75 Ohm (unbalance) Standard video input/output voltage 1.0Vp-p Video Bandwidth 50MHz Sampling Bandwidth 8bit Sampling Frequency 108MHz Signal to noise ratio >67dB Rise and Fall time <0.8ns Optical Signal Intrinsic Jitter <0.2 UI Differential Gain < ±1.5% Differential Phase < ±1° Connector BNC Supporting video pixel 1280(H)x720(V)@30Hz/1MPX 1280(H)x720(V)@50Hz/1MPX 1280(H)x960(V)@30Hz/1.3MPX 1920(H)x1080(V)@30Hz/2MPX 2560(H)x1920(V)@14Hz/5MPX Data Protocol Default :RS485 (RS232/RS422 Optional) RS485 channel 1 Connector 5pins Terminal Blocks Data Rate 0-200Kbps Directions Default :Simplex from Rx to Tx (BIDI duplex optional) Mechanical Structure & Environment Power DC5V 1A Power Consumption ~3W Working Temperature -15Â°C ~65Â°C Storage Temperature -40Â°C ~85Â°C Relative Humidity 5%~95% (no condensation) MTBF ~100000Hours Dimension 10.5cm*10.2cm*2.6cm