

2 Channel Video



Features and benefits

- Uncompressed 8 bit video digital sampling, High-speed synchronous digital transmission technology
- Modular structure design (audio card and data card for optional configuration)
- Super optical dynamic range, no adjustment needed
- Status indication for power supply, optical signal and video
- No electromagnetic interference, radio frequency interference and ground current
- Safe transmission guaranteed under poor electromagnetic environment
- BNC video connector
- FC optical connector
- Video DC recovery
- Maximum tolerable link loss for single mode single fiber is 18db

Electrical

Video characteristic

Video channel	: 2 channel
Video input/output impedance	: BNC75Ω unbalanced interface
Video input/output voltage	: Typical peak-peak value 1Vp-p
Video bandwidth	: 6.5MHz
Video digital bit width	: 8 bit
Differential gain	: <1.3% (typical value)
Differential phase	: <1.3° (typical value)
SNR	: >63dB

Data interface

Number of data channels	: 1 channel
Physical interface	: The industry standard connecting terminal
RS232 rate	: DC-115.2Kbps
RS422/485 rate	: DC-115.2Kbps
RS485 distance	: 0-1200m
Physical protocol	: Transparent support of RS232/485/422/Manchester/Biphasic protocol

Optical interface

Physical interface : FC/PC
Fiber type : single-mode fiber, single fiber
Transmission distance : single mode 20Km

Power supply

Input voltage : AC220/DC+5V

Electromagnetic compatibility

Radiation : EN50081-1, EN55022-B, CE, FCC
Magnetic capacity : EN50130-4, EN50028-1

Physical characteristic

Operating temperature : -25°C ~ +75°C
Humidity : 0~95% (no condensation)
Induction : EN50130-5, 1995
Tidal fever : BS2011
Dimension : 174×110×47mm (BNC head and installation edge not included)