

MCB-7110 HD Video to Fiber Converter

PAMIX HD Video to fiber converters adopt the advanced uncompressed HD composite video to high speed digital optical transmission technology. PAMIX HD video composite signals are converted to optical signals to achieve long distance transmission up to 80km.



Main Features

- Support 720p/25,720p/30,720p/50,720p/60,1080p/25,1080p/30 videos
- Single Mode optical fiber
- Support 1 HD video channel transmission and controlling data on coaxial cable
- Uncompressed coding technology
- Industrial wide range of operation temperature
- Automatic identification for input video formats
- Plug and play

Specification

HD Video

Interface	BNC
Input Level	>500m Vp-p
Output Level	1 Vp-p
In/Out Impedance	75Ω
Bandwidth	30MHz(720P), 60MHz(1080P)

Data

Interface	RS485 (Standard Industrial)
Baud Rate	1200 ~ 9600bit/s
Bit Error Rate	<10 ⁻⁹

Optical

Interface	FC (default). Optional SC & ST
Fiber Type	Single Mode, single fiber
Distance	20km
Wavelength	1330nm / 1550nm

Power

Input voltage	5V DC
LED Indicators	LOS, Power & Video

Environmental

Operating Temperature	-20°C - 70°C
Humidity	0% - 95% noncondensing

Dimensions & Weight

Device	10.4m width, 10.4mm depth, 2.5mm height, 0.25kg
Packing	25.0mm width, 14.0mm depth, 7.5mm height, 0.75kg

Ordering Information

Description	Article Number
PAMIX MCB-7110 HD video to Single Mode Fiber Converter Pair, 720P, 1 channel HD video, FC optical interface, 20KM	5101035
PAMIX MCB-7110 HD video to Single Mode Fiber Converter Pair, 720P, 1 Channel HD video, 1 Channel Return Data, FC optical interface, 20KM	5101036
PAMIX MCB-7110 HD video to Single Mode Fiber Converter Pair, 1080P, 1 channel HD video, FC optical interface, 20KM	5101037
PAMIX MCB-7110 HD video to Single Mode Fiber Converter Pair, 1080P, 1 Channel HD video, 1 Channel Return Data, FC optical interface, 20KM	5101038