

Multiple Video Channel over one Coax Solution with High Frequency Interference Blocker (RF Modulator)

ITEM NO.: SCHB001HM

SCHB001HM is special design for block the interference from electromagnetic wave, high voltage electricity, wireless station, elevators, heavy power on industry,...etc. It is built in RF modulator technology; allow working with RF CATV splitter for multiple channel transmission over one existing coax cable or RF CATV amplifier for longer distance.

Features:

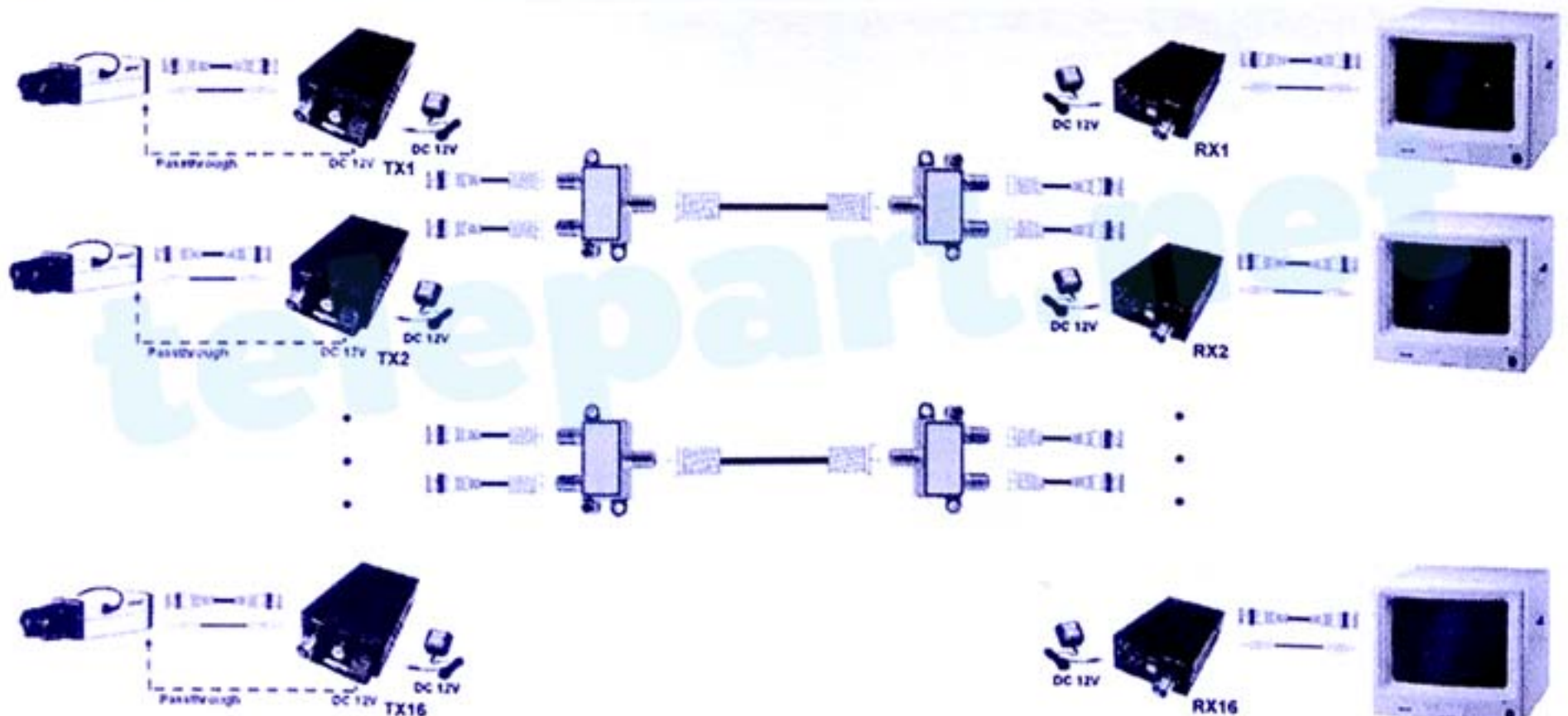
- Perfect to eliminate high frequency Interference on NTSC/PAL Video.
- Applications for elevator, high voltage, heavy power interference.
- Video & Audio over one Coax Cable.
- Working distance: 400 meters (RG59)
- SCHB001HMT Transmitter built in power output for camera use.
- SCHB001HMR Receiver built in video gain control.
- Built in dip switch to setup up to 16 channels.
- Working with RF CATV splitter to connect multiple video channels over one coax cable.
- Allow to work with RF CATV amplifier for longer distance.
- Package includes transmitter and receiver, two power adapters.

Installation View:

High Frequency Interference Blocker Solution

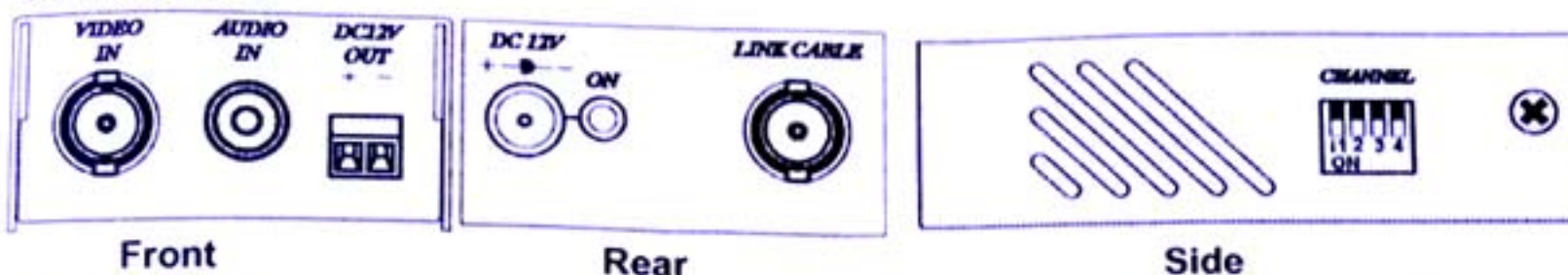


Working with RF CATV Splitter for multiple channel over one Coax Solution



Panel View:

SCHB001HMT



Front

Rear

Side

SCHB001HMR



Front

Rear

Side

LED Indication :

GREEN Power on/off

Rotary Switch Channel Selection :

1234		1234	
↑↑↑↑	CH. 1	↑↑↑↓	CH. 9
↓↑↑↑	CH. 2	↓↑↑↓	CH. 10
↑↓↑↑	CH. 3	↑↓↑↓	CH. 11
↓↓↑↑	CH. 4	↓↓↑↓	CH. 12
↑↑↓↑	CH. 5	↑↑↓↓	CH. 13
↓↑↓↑	CH. 6	↓↑↓↓	CH. 14
↑↓↓↑	CH. 7	↑↓↓↓	CH. 15
↓↓↓↑	CH. 8	↓↓↓↓	CH. 16

Gain Adjustment :

The transmitter and receiver must setup at same channel, then adjust the gain on the receiver for the best quality picture.

Cable and Transmission :

Link cable recommend to use high quality 75Ω Coaxial Cable and BNC connector, low quality coaxial cable and channel selection may case signal loss and effect transmission distance and reliability. When Channel setup at CH.1, the working distance up to 400M, When Channel set up at CH.16 the max distance up to 200M.

Caution :

If using same power adapter from transmitter to camera use, the power adapter current used at least follow camera request current plus 250mA.

Specification:

ITEM NO.	SCHB001HMT	SCHB001HMR
Video Format	NTSC / PAL	
Video Input / Output	BNC 75Ω	
Audio Input / Output	RCA 10KΩ	
Working Range	450 meters for RG59 CABLE, 600meters for RG6U cable	
Power Input	DC 9-15V	
Power Consumption	2.5W	
Power Supply	DC 12V 500mA	
Dimensions mm	49 * 111 * 25	49 * 111 * 25
Weight g	140	145

RoHS CE FC

Rev. A