

TB-1000MD Transmission

User Manual



<http://www.telbiz.com.tw>



TB-1000MD Transmission

Description :

TB-1000MD is specially designed to simplify the construction of cables. Just install single cable or use existing cable, all CCTV cameras are transmitted to control room in excellent quality easily.

Feature :

1. Up to 16 cameras by single coaxial cable.
2. More than 1000 meters with excellent performance.
3. Good isolation to avoid noise interference.
4. Suitable for large- scale CCTV project.
5. Cost effective to save labor, cable and time.
6. Specially suitable to increase cameras or change control room.
7. Add new cameras into existing CCTV system.

Specification :

Transmitter

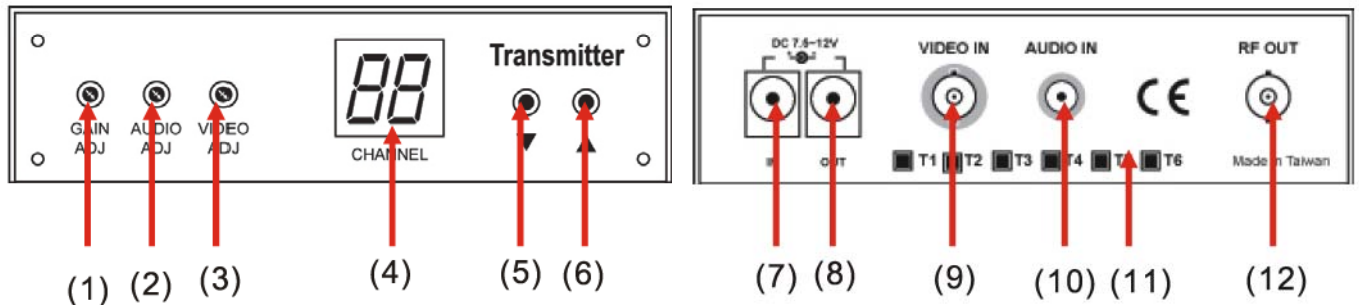
Channel Display	Digital LED channel display
Channel select	TX1 : CH 1 ~ CH 4 TX2 : CH 5 ~ CH 6 TX3 : CH 7 ~ CH 12 TX4 : CH 13 ~ CH 20
Video signal	NTSC / PAL
Connector	Video : BNC input Audio : RCA input RF OUT : F Female output
Power requirements	DC 7.5V ~ 12V / 100mA 
Memory Function	Last channel memory
Power consumption	1.5 W
Measurement	117mm(L) x 86mm(W) x 32mm(H)

Receiver

Channel Display	Digital LED channel display
Channel select	CH 1 ~ CH 100
Video signal	NTSC / PAL
Connector	Video : BNC output Audio : RCA output RF IN : F Female input
Power requirements	DC 7.5V ~ 12V / 300mA 
Memory Function	Last channel memory
Power consumption	1.5 W
Measurement	117mm(L) x 143mm(W) x 32mm(H)

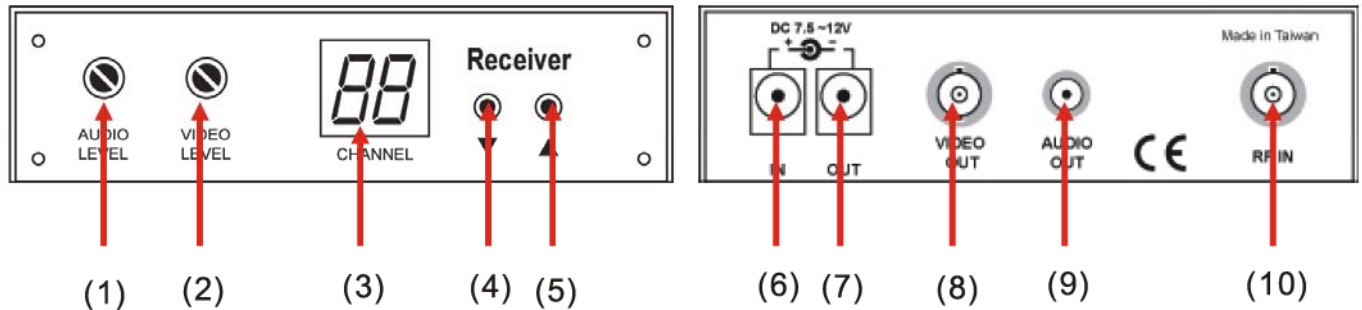
Introduction :

1. TB -1000MD Transmitter :



- (1) **Gain ADJ** (RF signal dB : $\pm 0 \sim 20\text{dB}$)
- (2) **Audio ADJ** (Audio volume adjust)
- (3) **Video ADJ** (Video adjust)
- (4) **LED Channel Display**
- (5) **Channel ▼** (Channel down)
- (6) **Channel ▲** (Channel up)
- (7) **Power in** (DC 7.5 ~ 12V)
- (8) **Power out** : power loop-through
- (9) **Video in** : BNC connector
- (10) **Audio in** : RCA connector
- (11) **Model type** : Channel select
 - TX1 : CH 1 ~ CH 4
 - TX2 : CH 5 ~ CH 6
 - TX3 : CH 7 ~ CH 12
 - TX4 : CH 13 ~ CH 20
- (12) **RF out** (RF output)

2. TB -1000MD Receiver :



- (1) **Audio Level (Volume adjust)**
- (2) **Video Level (Video adjust)**
- (3) **LED Channel Display**
- (4) **Channel ▼ (Channel down)**
- (5) **Channel ▲ (Channel up)**
- (6) **Power IN : DC 7.5V ~ 12V**
- (7) **Power OUT : power Loop-Through**
- (8) **Video Out : BNC connector**
- (9) **Audio Out : RCA connector**
- (10) **RF In (RF signals comes from coaxial cable)**

3. Combiner / Splitter : Multiplex transmission for RF signals.



4. TB -32Amp Broadband CATV Amplifier :

Lengthen the transmission distance and improve the transmitting quality.



5. 19 Inch Rack Mount / Switch Power Supply :

All units can be collected on 19" Racks.



TB-03RM



TB-06RM



TB-09RM



TB-12RM



6. Switch Power Supply :

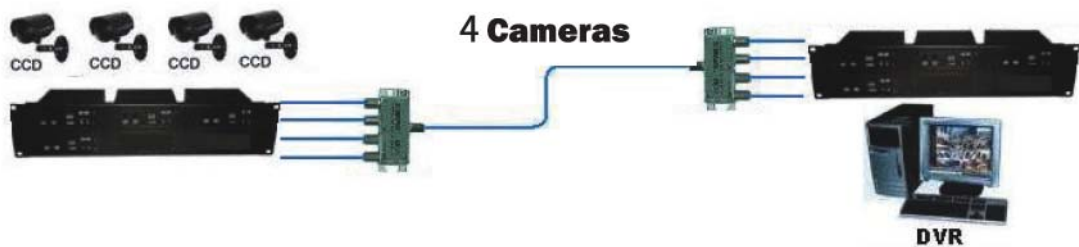
Input Voltage : AC100~230V

Output Current : 4A



TB-1000MD series : TB-1004MD, TB-1008MD, TB-1016MD

TB-1004MD



TB-1008MD



TB-1016MD

