

One cable solution for TVI

TVI 1080p, ONE CABLE SOLUTION by UTP cable

- One cable transmit “**video/power/data/audio**” simultaneously over 500m
- Play and work
- No need separate power for camera
- No need balun /hub for using UTP cable

 <p>- Direct Plug&Play and long distance - No need interim amplifier</p>	<p>Coaxial cable solution</p>  <p>Video + Power + RS485</p> <p>New !!!</p> <p>UTP One cable Solution</p> <p>Power+Video+RS485</p>	 <p>-1080p Full HD Resolution -Vivid Color -Wide Dynamic</p> <p>Delivers as original -Same Coloration -Same Resolution -Same Noiseless image over 500M long CAT5e</p>
<p>Long Distance (more than 500M over CAT5e)</p>	<p>Great cost saving from Cable, PoE Hub, installation, working time</p>	<p>No compromise in quality over long distance</p>

Features



720p / WDR
(04 Series)
1.3MP Real image
over 500M UTP



1080p
(05 Series)
2MP Real image
over 500M UTP



1080p/WDR@30fps
(25 Series)
2MP Real image
over 500M UTP

One cable solution for TVI

Key Technology

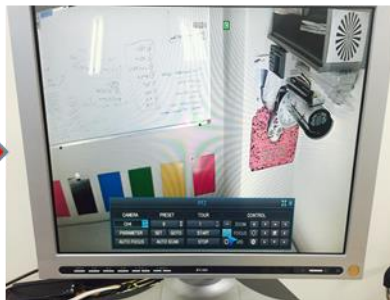
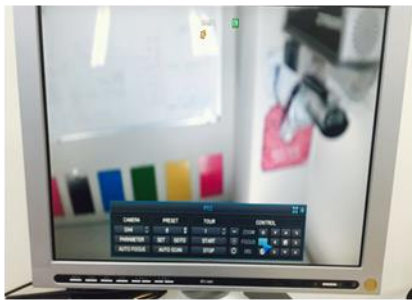


UTP CABLE (CAT5)

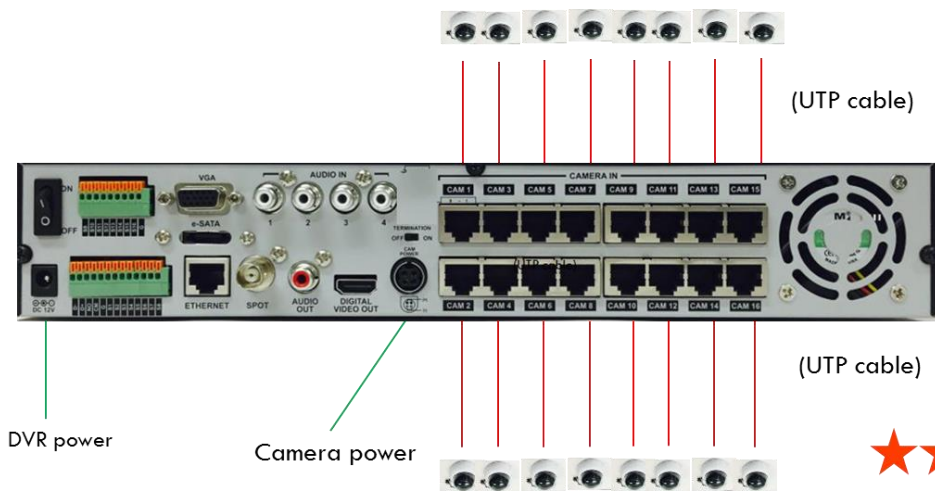


Video(1080p) transmission : 450~600m
Power supply : 450~600m
OSD control : 600m +

Focus, OSD control through UTP cable



Configuration



(Option: Connector for Bnc to RJ45, for using bnc camera to RJ45DVR)

- DVR supply power to 16 camera

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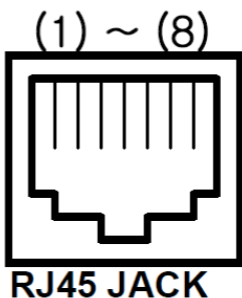
Standard series

MV-T8104S-RJ / T8108S-RJ/ T8116S-RJ



FEATURES

- 4/8/16CH (**HD TVI/SD**) realtime DVR
- HD-TVI/SD camera available for various camera input (1080p/720p/960H/D1)
- HTTP motion jpeg streaming by channel
- Adaptive **3D Adaptive Comb Filter** for Analog SD Input
- All channel real time live monitoring & recording
- Individual network streaming (H.264)
- eSATA for storage extension (up to 5 more HDD)
- Advanced **mirroring(dual recording)** built in
- HDMI/VGA Simultaneous Output
- **CVBS** output for **spot or dual** monitor
- Health checking (FAN speed & failure checking, HDD SMART)
- **Sensor-triggered PTZ** action
- User Privilege to control the access on cameras/live/playback/copy etc.
- **Linear digital zoom** for live and playback
- **Panorama Search**
- Integrated search, copy and playback
- Direct AVI formatting for Copy & Multiple channel backup as generic file format with embedded player
- Multiple GUI resolution adjustable to various monitor type (HDMI, VGA)
- Low transmission latency
- Date/time adjustment by DST, NTP
- 2-way full duplex audio
- Auto port forwarding(uPNP), DDNS, Login/out
- Configurable resolution, quality & fps for network streaming directly from client
- RA(Remote Agent), VMS
- Web-based remote setup & viewer
- H264-based mobile device support: iOS/Android



Including :

- VIDEO
- AUDIO
- RS485
- GND
- POWER

(exact pin map will be informed later)

*Specification would be modified without prior notice in case needed

MODEL		MV-T8104S-RJ	MV-T8108S-RJ	MV-T8116S-RJ
OPERATION MODE		QUADPLEX		
Live Display Speed(NTSC/PAL)		Realtime Display(240/200 fps)	Realtime Display(240/200 fps)	Realtime Display(480/400 fps)
Recording	720x480(576) 960x480(576)	240/200fps (SD:120/100fps+TVI:120/100fps)	240/200fps	480/400fps
Playback	1280x720, 1920x1080			
Network	Individual Streaming	Resolution Selectable (1/4 size ~ full size), H.264		
	Multiple Connection	Max 8		
Video Input	Format	D1(720x480/576), 960H(960x480/576), TVI(720p60/50, 1080p30/25)		
	RJ-45 (UTP)	4 (TVI or SD) + 4 (SD)	8 (TVI or SD)	16 (TVI or SD)
Video Output	VGA	1 (up to 1920X1080)		
	HDMI	1(up to 1920X1080)		
	CVBS(BNC)	Dual Monitor/SPOT Output(NTSC/PAL)		
Screen Division	Live Mode	1,4,9	1,4,9	1,4,9,16
	Playback Mode	1,4,9	1,4,9	1,4,9,16
Audio In/Out		8 Line-in(RJ45)/ 1 line out (RCA) & HDMI	8 Line-in(RJ45)/ 1 line out (RCA) & HDMI	16 Line-in(RJ45)/ 1 line out (RCA) & HDMI
Alarm	In / Out	8 In/ 1 Out(Relay)	8 In/ 1 Out(Relay)	16 In/ 1 Out(Relay)
	Alarm Out Control	Relay Configurable for User Control		
Storage	Interface	SATA2(1.5Gbps)		
	HDD(Internal)	2	2	3
	eSATA	1 (eSATA MUX support)	1 (eSATA MUX support)	1 (eSATA MUX support)
Archive	Backup Device	USB Device (HDD, Thumb Drive), NAS & Remote via Network		
	Multiple channel (RAW data)	Support with the Embedded Player		
AVI	0	0	0	
USB Port		2 Ports at Front		
PTZ & CCTV Keyboard Interface		One RS485 ports		
Motion Area		32 x 24		
System Control		USB Mouse, IR Remote Controller & External Keyboard Controller		
Network		LAN (TCP/IP Ethernet, RJ45), DHCP, Dynamic IP, DDNS, P2P, uPNP, HTTP, NTP		
Ethernet Port		10M/100M	10M/100M	10M/100M/1000M
Multi-Language		support		
Power Input	System Power	12V/5A	12V/3A	12V/3A
	Camera Power		48V/1.5A	12V/5A or 48V/1.5A
Operating Temperature		5~40 °C / 20~80% RH		
Remote SW's		RMS/ Web / Mobile SW / MAC OSX(TBD)		
UTP(RJ-45) Connection		Video(SD, HD-TVI), Audio, RS-485 , Camera Power		
Case		1.5U	1.5U	1.5U
Advanced FEATURES				
Dedicated network streaming		H.264 for various resolution Size/Quality/FPS control from various viewer		
Mirroring(RAID)		Dual Recording (by channel, event only or all), RAID-5 (External Optional)		
Search & Playback Mode		Calendar/Time/Panorama/Event (Motion, Alarm, V-Loss)		
Sensor Triggered PTZ activation		0	0	0
Motion/Alarm Indication		0	0	0
PTZ Tour, Event Preset		0	0	0
DDNS		dynamicmv.com		
USER Privilege Set up		Live/Search & Copy/Network/PTZ /Power Off/Camera, ADMIN Only Setup		
S.M.A.R.T HDD Check		0	0	0
E-mail with Snapshot Image		0	0	0
Recording Time Limit		12Hour, 1/2/3/4/5/6Day, 1/2/3Week, 1/2Month		
Motion JPEG Streaming		HTTP, by Each Channel		
Log In/Out Function		0	0	0
LOG View		0	0	0
HDD S.M.A.R.T Status		0	0	0
Privacy Zone Masking		0	0	0
Covert		0	0	0
Digital Zoom		Linear zooming for LIVE & Playback		
REC Quality, FPS control per channel		0	0	0

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Full HD TVI camera (RJ-45)

720p / WDR

- Support High frame rate of 1280(H) x 720(V)
- One Cable solution
(Video+ Power+ OSD control by one utp cable cat.5e)
- HD Video transmission upto 500m over UTP(Cat. 5e)
- Maximum real WDR(128dB) for high contrast area surveillance



MTI80041ZR-U
Indoor IR Dome
720p / 3.6mm / IR



MTV80041ZR-U
Outdoor IR Dome
720p/3.6mm/IR / IP66



MTN22041ZR-U
Outdoor IR bullet
720p/3.6mm/ IR / IP67

1080p

- Support High frame rate of 1920(H) x 1080(V)
- One Cable solution
(Video+ Power+ OSD control by one utp cable cat.5e)
- Full HD Video transmission upto 500m over UTP(Cat. 5e)
- DNR and Super sensitive chips & sensor
- Quick and easy OSD control remotely.



MTI80051ZR-U
Indoor IR Dome
1080p
3.6mm
IR (option: non IR)



MTV80051ZR-U
Outdoor IR Dome
1080p
3.6mm
IR (option : non IR)
IP66



MTN22051ZR-U
Outdoor IR bullet
1080p
3.6mm
IR
IP67

MTI80053ZR-U
2.8~12mm

MTV80053ZR-U
2.8~12mm

MTN22053ZR-U
2.8~12mm

1080p / WDR

- Support High frame rate of 1920(H) x 1080(V)
- One Cable solution
(Video+ Power+ OSD control by one utp cable cat.5e)
- Full HD Video transmission upto 500m over UTP(Cat. 5e)
- Maximum real WDR(128 dB) for high contrast area surveillance
- Real-time 30fps live view & recording with WDR on
- Auto 3DNR and Super sensitive chips & sensor
- Quick and easy OSD control remotely.



MTI80251ZR-U
Indoor IR Dome
1080p
3.6mm
IR (option: non IR)



MTV80251ZR-U
Outdoor IR Dome
1080p
3.6mm
IR (option: non IR)
IP66



MTN22251ZR-U
Outdoor IR bullet
1080p
3.6mm
IR
IP67

MTI80253ZR-U
2.8~12mm

MTV80253ZR-U
2.8~12mm

MTN22253ZR-U
2.8~12mm