MZ 40LT
MZ 80LT
MZ 160LT

HAVR - TVI/AHD/CVI/960H

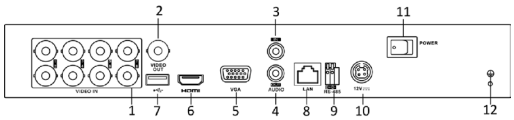
KEY FEATURES

- Connectable to HD-TVI, AHD, CVI and analog cameras
- H.264+ compression improves encoding efficiency by up to 50% and reduces data storage costs
- Up to 3 MP resolution recording on first channel fo 4CH, first 2 channels of 8CH and first 4 channels of 16CH recorders
- Supports real-time 1080p lite and when enabled, the image is similar to 1080p
- HDMI/VGA output at up to 1920x1080p resolution for 4/8 channel and 4K (3840x2160p) resolution for 16 channel
- 4/8/16-ch synchronous playback



SPECIFICATION	MZ 40LT	MZ 80LT	MZ 160LT
Video compression	H.264+/H.264		
Analog video input	4-ch	8-ch	16-ch
	BNC interface (1.0Vp-p, 75 Q), supporting coaxitron connection		
Supported HD TVI input	3MP, 1080p25, 1080p30, 720p25, 720p30, 720p50, 720p60 **Note**: The 3MP signal input is only available for the first channel of 4CH, the first two channels of the 8CH and the first four channels of the 16CH recorders		
Supported AHD input	1080p25, 1080p30, 720p25, 720p30		
HD CVI input	1080p25, 1080p30, 720p25, 720p30		
CVBS input	Support		
IP video input	1-ch (up to 1080p)	2-ch (up to 1080p)	
Audio compression	G.711u		
Audio input/Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ)		
CVBS output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480		
Video/Audio output			
HDMI/VGA output	1-ch, 1920 × 1080/60Hz,1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz		**HDMI**: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280×024/60Hz, 1280×720/60Hz,1024×768/60Hz
			VGA: 1-ch, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Encoding resolution	When 1080p Lite mode not enabled: 3MP/1080p/720p/VGA/WD1/4CIF/CIF; When 1080p Lite mode enabled: 1080p lite/720p lite/VGA/WD1/4CIF/CIF		
Frame rate	Main stream: When 1080p Lite mode not enabled: For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@12fps For 1080p stream access: 1080p/720p@12fps; VGA/WD1/4CIF/CIF@25fps For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps When 1080p Lite mode enabled: 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps		
	Sub-stream: WD1/4CIF/2CIF@12fps; CIF/QVGA/QCIF@25fps		
Video bit rate	32 Kbps to 6 Mbps		
Audio output	1-ch, RCA (Linear, 1KΩ)		
Audio bitrate	64 Kbps		
Dual-stream	Support		
Stream type	Video, Video & Audio		
Synchronous playback	4-ch	8-ch	16-ch
Network management			
Remote connections	128		
Network protocols	TCP/IP, PPPoE, DHCP, HIK Cloud P2P, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS, ONVIF		
Hard disk			
SATA	1 SATA interface		2 SATA interface
Capacity	Up to 6TB capacity		
External interface			
Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the audio input)		
Network interface	1; RJ45 10M/100Mbps self-adaptive Ethernet interface		1; RJ45 10M/100/1000Mbps self-adaptive Ethernet interface
USB port	2x USB 2.0		Front panel: 1 × USB 2.0 Rear panel: 1 × USB 3.0
Serial interface	RS-485 (half-duplex)		
General			
Power supply	12 VDC		
Consumption (without HDD)	≤ 15W	≤ 20W	≤ 30W
Working temperature	-10 ºC to +55 ºC		
Working humidity	10% to 90%		
Dimensions(W × D × H)	315 × 242 × 45mm		380 × 320 × 48mm
Weight(without hard disks)	≤ 2 kg		

Rear Panel of MZ 40LT



1 VIDEO IN
2 VIDEO OUT
3 AUDIO IN, RCA Connector
4 AUDIO OUT, RCA Connector
5 VGA Interface
6 HDMI Interface
7 USB Interface
8 LAN Network Interface
9 RS-485 Serial Interface
10 12VDC Power Input
11 Power Switch
12 GND