



Key features

- H.264 video compression
- CIF resolution real-time recording
- Up to WD1(960*576) resolution recording
- HDMI and VGA output at up to 1920x1080P resolution
- Dual-stream
- Up to 4/8/16-ch synchronous playback
- NTP, SMTP, NFS, UPnP and iSCSI protocols

Rear Panel of FL-HV08 / FL-HV16



1. Video in
2. Video out
3. USB interface
4. HDMI interface
5. VGA interface
6. Audio in, RCA connector
7. Audio out, RCA connector
8. LAN network interface
9. RS-485 serial interface
10. 12VDC power input
11. Power switch
12. GND

Specifications

	FL-HV08	FL-HV16
Video/Audio input		
Video compression	H.264	
Video input	8-ch	16-ch
Video input interface	BNC (1.0 Vp-p, 75 Ω), PAL / NTSC self-adaptive	
Audio compression	G.711u	
Audio input	1-ch, RCA (2.0 Vp-p, 1 kΩ)	
Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 kΩ) (using the audio input)	
Video/Audio output		
HDMI / VGA output	1-ch, resolution: 1080P: 1920x1080/60Hz; SXGA: 1280x1024/60Hz; 720P: 1280x720/60Hz; XGA: 1024x768/60Hz	
CVBS output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 x 576, NTSC: 704 x 480	
Encoding resolution	WD1 / 4CIF / 2CIF / CIF / QCIF	
Frame rate	WD1 / 4CIF / 2CIF @ 15 fps; CIF / QCIF @ 25 fps (P) / 30 fps (N)	WD1 @ 8 fps; 4CIF / 2CIF @ 10 fps; CIF / QCIF @ 25 fps (P) / 30 fps (N)
Video bit rate	32 Kbps ~ 3072 Kbps, or user defined (Max. 3072 Kbps)	
Audio output	1-ch, RCA (Linear, 1 kΩ)	
Audio bit rate	64 Kbps	
Dual-stream	Support; Sub-stream @ CIF / QCIF	
Stream type	Video, Video & Audio	
Synchronous playback	8-ch	16-ch
Hard disk		
SATA	1 SATA interface	
Capacity	Up to 4TB capacity	
External interface		
Network interface	1, RJ45 10M / 100M Ethernet interface	
Serial interface	1 RS-485 interface, half-duplex	
USB interface	2, USB2.0	
General		
Power supply	12 VDC	
Consumption	≤ 10 W	≤ 15 W
Working temperature	-10 °C ~ +55 °C	
Working humidity	10% ~ 90%	
Chassis	Standalone 1U chassis	
Dimensions (W × D × H)	315 × 230 × 45 mm	
Weight	≤ 2 kg (without hard disk or DVD-R/W)	