

ERT-F2xx

Value Express TurboHD DVR

TurboHD™



- HDMI/VGA Output at Up to 1920 × 1080 Resolution for ERT-F204/208
- HDMI/VGA Output Up to 4K (3840 x 2160) Resolution for ERT-F216
- H.264+/H.264 Main Stream Encoding
- Up to 2 MP Resolution for All Models
- Long Distance Transmission over UTP and Coaxial Cable
- 4/8/16-ch Synchronous Playback

Value Express ERT-F2xx DVRs support up to 1920 x 1080 Resolution on 4 and 8-ch models, and up to 4K output resolution and on 16-ch versions. They offer long transmission distances and feature H.264+ compression technology, which improves recording efficiency and reduces data storage costs.

Additionally, ERT-F2xx DVRs support basic analytics such as Smart Search and Video Quality Diagnostics (VQD).

Available models:

ERT-F204: 1 TB or 2 TB HDD

ERT-F208: 2 TB or 4 TB HDD

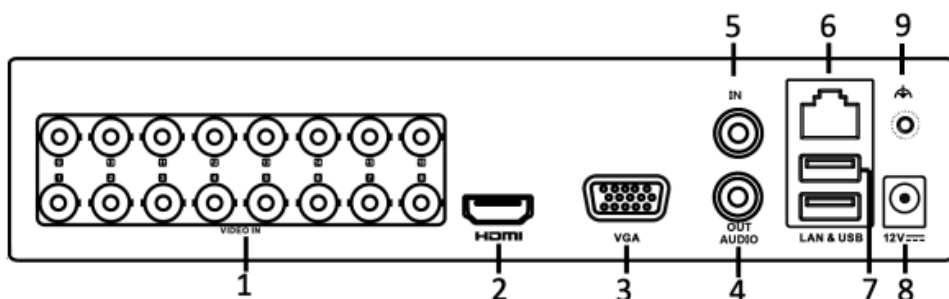
ERT-F216: 2 TB or 4 TB HDD

Specifications

	ERT-F204	ERT-F208	ERT-F216
Video / Audio Input			
Video Compression	H.264+ / H.264		
Analog Video Input	4-ch	8-ch	16-ch
TurboHD Input	BNC interface (1.0 Vp-p, 75 Ω), supporting the Hikvision-C UTC protocol		
AHD Input	1080p25, 1080p30, 720p25, 720p30		
HDCVI Input	1080p25, 1080p30, 720p25, 720p30		
CVBS Input	Supported		
IP Video Input	1-ch	2-ch	
Audio Compression	Up to 1080p resolution		
Audio Input	G.711u		
	1-ch, RCA (2.0 Vp-p, 1 KΩ)		
Video / Audio Output			
HDMI Output	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz		1-ch, 4K (3840 × 2160)/30 Hz, 2K (2560 × 1440)/60 Hz, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz
VGA Output	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz		1-ch, 2K (2560 × 1440)/60 Hz, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60Hz
Encoding Resolution	1080p/720p/VGA/WD1/4CIF/CIF		
Frame Rate	Main stream:		
	For 1080p stream access: 1080p / 720p @ 12 fps; VGA / WD1 / 4CIF / CIF @ 30 fps		
	For 720p stream access: 720p / VGA / WD1 / 4CIF / CIF @ 30 fps		
	Sub-stream: WD1 / 4CIF / 2CIF @ 12 fps; CIF / QVGA / QCIF @ 30 fps		
Video Bit Rate	32 Kbps to 10 Mbps		
Audio Output	1-ch, RCA (Linear, 1 KΩ)		
Audio Bit Rate	64 Kbps		
Dual Stream	Supported		
Stream Type	Video, Video and Audio		
Synchronous Playback	4-ch	8-ch	16-ch
Network Management			
Remote Connections	128		
Network Protocols	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF		
Hard Disk			
SATA	1 SATA interface		
Capacity	Up to 4 TB capacity		
External Interface			
Network Interface	1, RJ45 10M/100M self-adaptive Ethernet interface		1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
USB Interface	Rear panel: 2 × USB 2.0		
General			
Power Supply	12 VDC		
Consumption (without HDD)	≤ 8 W	≤ 12 W	≤ 20 W
Working Temperature	14° F to 131° F (-10° C to 55° C)		
Working Humidity	10 to 90 %		
Dimensions (W x D x H)	10.2" x 8.7" x 1.8" (260 mm x 222 mm x 45 mm)		
Weight (without HDD)	≤ 2.2 lbs (1 kg)		≤ 2.6 lbs (1.2 kg)

Physical Interfaces

ERT-F216



1. Video In	7. LAN Network Interface
2. Audio In, RCA Connector	8. RS-485 Serial Interface
3. Audio Out, RCA Connector	9. 12 VDC Power Input
4. VGA Interface	10. Power Switch
5. HDMI Interface	11. GND
6. USB Interface	12. Video Out

Note: The rear panel of ERT-F204/208 provides 4/8 video input interfaces.