

PEAR504 Series Encoder

Available Models

PEAR504-8, PEAR504-16

Main Features

- Connectable to HD-TVI and analog cameras
- Connectable to the coaxitron camera/dome with long transmission distance
- Redundant recording and holiday recording
- VCA detection alarm (line crossing detection and intrusion detection)
- Locks and unlocks video files
- HDD quota and group management; different capacity can be assigned to different cameras under quota mode
- 2 SATA interfaces provided by DS-6708HQHI-SATA, DS-6716HQHI-SATA
- 1 self-adaptive 10M/100M/1000M network interface
- Accessible by EZVIZ Cloud P2P
- Hikvision DDNS (Dynamic Domain Name System)
- Network detection

Physical Interface

PEAR504-8



Index	Description
1	VIDEO IN
2	AUDIO IN, RCA Connector
3	AUDIO OUT, RCA Connector
4	LAN Network Interface
5	RS-485 Serial Interface
6	12 VDC Power Input
7	Power Switch
8	ALARM IN and ALARM OUT
9	GND

PEAR504-16



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1	VIDEO IN
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Specifications

Model		PEAR504-8	PEAR504-16
Video/Audio Input/Output	Video Input	8-ch BNC interface	16-ch
	HDTVI Video	720p/25, 720p/30, 720p/50, 720p/60, 1080p/25, 1080p/30, CVBS	
	Audio Input	4-ch RCA (2.0 Vp-p, 1 K Ω)	4-ch
	Audio Output	1-ch, RCA (Linear, 1 K Ω)	
Video/Audio Encoding	Video Compression	H.264	
	Audio Compression	G.711u	
	Frame Rate	1/16 fps to real-time frame rate	
	Video Bitrate	32 Kbps to 10 Mbps	
	Audio Bitrate	64 Kbps	
	Stream Type	Video, Video & Audio	
	Main Stream	1080P/720P/WD1/4CIF/VGA/CIF	
Dual-Stream	Support, sub-stream: WD1/4CIF (12fps), CIF/QVGA/QCIF(real-time)		
Storage	Type	SATA, NAS, ISCSI, IPSAN	
	Number	2	
	Capacity	Up to 6 TB for each disk	
External Interface	Two-Way Audio Input	1-ch, RCA (2.0 Vp-p, 1 K Ω) (using the 1st channel of audio input)	
	Network Interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet Interface	
	Series Interface	1, RS-485; half-duplex	
	Alarm in	8-ch input, 4-ch output	
	Alarm out	16-ch input, 4-ch output	
General	Power Supply	12 VDC	
	Power Consumption (without HDD)	≤ 30 W	≤ 45 W
	Working Temperature	-10 $^{\circ}$ C to 55 $^{\circ}$ C (14 $^{\circ}$ F to 131 $^{\circ}$ F)	
	Working Humidity	10% to 90%	
	Chassis	380 mm 1U chassis	
	Dimensions	380 mm \times 290 mm \times 48 mm (14.96" \times 11.42" \times 1.89")	
Weight (without HDD)	≤ 2 Kg (4.41 lb)		