

HK-IZ208FD1 / HK-IZ216FD1

8/16 Channel Entry-level D1 1U Standalone DVR



Features

- > Up to 8/16 cameras with 1080p realtime preview
- > H.264 dual-stream video compression
- > Full channel @D1 (4CIF) realtime recording
- > HDMI / VGA / TV simultaneous video output
- > All channel synchronous realtime playback, GRID interface & smart search
- > 3D intelligent positioning with Itzumi PTZ dome camera
- > Support 2 SATA HDD up to 8TB, 2 USB2.0
- > Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS

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Technical Specifications

Model		HK-IZ208FD1	HK-IZ216FD1
System			
Main Processor	Embedded processor		
Operating System	Embedded LINUX		
Video			
Input		8 channel, BNC	16 channel, BNC
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)		
Audio			
Input	4 channel, RCA		
Output	1 channel, RCA		
Two-way Talk	1 channel Input, 1 channel Output(reuse the audio output channel), BNC		
Display			
Interface	1 HDMI, 1 VGA, 1 TV, 1 Spot, BNC		
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768		
Display Split		1/4/8/9	1/4/8/9/16
Privacy Masking	4 rectangular zones (each camera)		
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording		
Recording			
Video/Audio Compression	H.264 / G.711		
Image Resolution	D1/4CIF(704×576/704×480) / HD1(352×576/352×480) / 2CIF(704×288/704×240) / CIF(352×288/352×240) / QCIF(176×144/176×120)		
Record Rate	Main Stream:	D1/HD1/2CIF/CIF(1~25/30fps)	
	Extra Stream	CIF/QCIF(1~25/30fps)	
Bit Rate	48~4096Kb/s		
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop		
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec		
Video Detection & Alarm			
Trigger Events	Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Spot, Buzzer & Screen tips		
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank		
Alarm Input		8 channel	16 channel
Relay Output	3 channel		
Playback & Backup			
Sync Playback		1/4/9	1/4/9/16

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Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom
Backup Mode	USB Device / Network
Network	
Ethernet	RJ-45 port (10/100M/1000M)
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, Alarm Server
Max. User Access	20 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Storage	
Internal HDD	2 SATA ports, up to 8TB
Auxiliary Interface	
USB Interface	2ports (1 Rear), USB2.0
RS232	1 port, For PC communication & Keyboard
RS485	1 port, For PTZ control
Environmental	
Power Supply	DC12V/ 3.3A
Power Consumption	15W(without HDD)
Working Environment	-10 ~+55°C / 10~90%RH / 86~106kpa
Dimension(W×D×H)	1U, 375mm×285mm×45mm
Weight	2.35KG(without HDD)

System Connection

