

HKIZ-004FD1

4 Channel Full D1 Mini 1U Standalone DVR



HKIZ-004FD1: Full channel @D1 realtime recording, 4 channel video inputs and 4 channel audio inputs. It can support HDMI, VGA, TV, USB2.0 and 1HDD (no RS232 & RS485 and alarm inputs/outputs).

Features

- > 4 channels full D1 mini 1U standalone DVR
- > Up to 4 cameras with 1080p realtime preview
- > H.264 dual-stream video compression
- > Full channel @ D1(4CIF) realtime recording
- > HDMI/VGA /TV(BNC) synchronous video output
- > All channel simultaneous realtime playback, GRID interface & smart search
- > Smart video detection: MD, camera blank, video loss
- > 3D intelligent positioning with Itzumi PTZ dome camera
- > Easy backup: USB devices, network download
- > Alarm triggering screen tips, buzzer, PTZ, e-mail, FTP upload: DH-DVR0404HF-AS
- > Support 1 SATA HDD up to 4TB, 2 USB2.0
- > Built-in web server, CMS(DSS/PSS) & DMSS

HKIZ-004FD1

Specifications

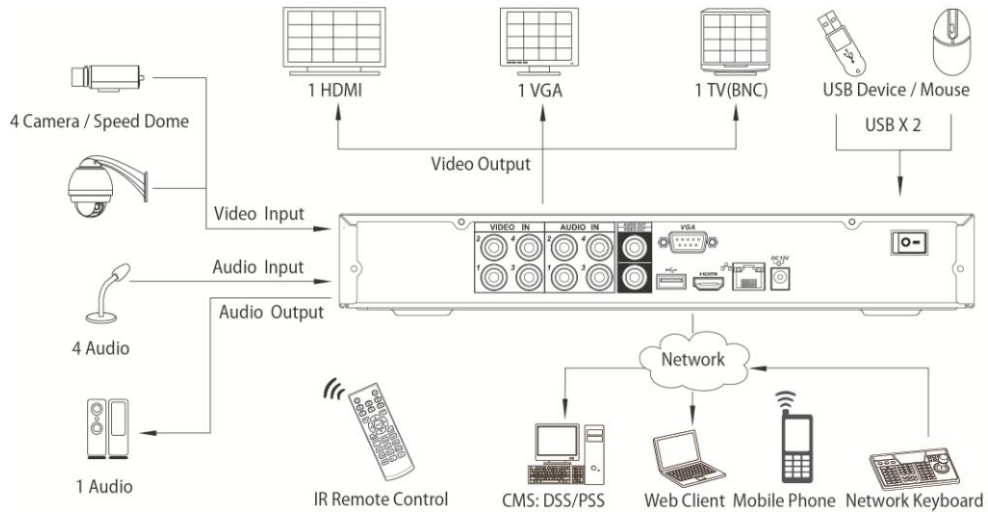
Model		HKIZ-004FD1
System		
Main Processor	High performance embedded microprocessor	
Operating System	Embedded LINUX	
System Resources	Pentaplex function: live, recording, playback, backup & remote access	
Control Mode	Front panel, USB mouse, IR remote control, Keyboard, Network	
Video		
Input	4 channel, BNC(1.0Vp-p, 75Ω)	
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)	
Output	1 HDMI, 1 VGA, 1 TV, BNC(1.0Vp-p, 75Ω)	
Audio		
Input	4 channel, BNC(200-2800mV, 30KΩ)	
Output	1 channel, BNC(200-3000mV, 5KΩ)	
Bidirectional Talk	Same with audio input channel 1	
Display		
Display Split	1/4	
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768	
Tour Display	Support	
Privacy Masking	4 self-defined four-sided zones for privacy masking for 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)	
Encoding Speed	Main Stream: D1/HD1/2CIF/CIF(1~25/30fps) Extra Stream: CIF/QCIF(1~25/30fps)	
Bit Rate	32~4096Kb/s	
Image Quality	CBR, VBR(1~6 level, level 6 is the best)	
Recording Mode		Manual, Schedule(Regular(Continuous), MD(Video detection: Motion detection, Camera blank, Video loss)), Stop
Recording Priority	Manual >Alarm >MD >Regular	Manual > MD >Regular
Recording Interval	1~120 min. (default: 60 min.), Pre-record: 1~30 sec., Post-record: 10~300 sec.	
Video Detection & Alarm		
Trigger Events	Recording, PTZ movement, Tour, Alarm, Email, FTP, Buzzer & Screen tips	

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Motion Detection	Zones: 396(22×18), Sensitivity: 1~6 (level 6 is highest)	
Video Loss & Camera Blank	Support	
Alarm Input		N/A
Relay Output		N/A
Playback & Backup		
Playback Channel	Support 1/2/3/4 sync playback	
Search Mode	Time/Date, Alarm, Motion Detection & Exact search (accurate to second)	
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(any size)	
Backup Mode	Flash drive / USB HDD / USB CD/DVD-RW / Network download	
Network		
Ethernet	RJ-45 port (10/100/1000M)	
Network Functions	HTTP, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server	
Remote Operation	Monitor, PTZ control, Playback, System setting, File download, Log information	
Hard Disk		
Hard Disk	1 SATA port, Max 3TB HDD supported	
Space Occupation	Audio: 28.8MB/H, Video: 56~1800MB/H	
HDD Management	Hard disk hibernation technology, HDD faulty alarm	
Auxiliary Interface		
USB Interface	2 ports, 1 for mouse control, 1 for backup	
RS232	Itzumi keyboard, PC communication	N/A
RS485	PTZ control	N/A
Environmental		
Power Supply	DC 12V / 3A	
Power Consumption	20W (Exclude HDD)	
Working Environment	-10°C ~ +55°C / 10~90%RH / 86~106kpa	
Dimension	Mini 1U, 325mm×240mm×45mm(W×D×H)	
Weight	2.35kg KG(without HDD)	

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Connection



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