

# KX-7104Ai

## 4 Channel Penta-brid 1080N/720p DVR

Design and specifications are subject to change without notice. Pictures in the document are for reference only, and the actual product shall prevail.



- H.265+/H.265 dual-stream video compression
- Supports Full-channel AI-Coding
- Supports HDCVI/AHD/TVI/CVBS/IP video inputs
- Max 5 channels IP camera inputs, each channel up to 2MP; Max 21.5 Mbps incoming bandwidth
- Up to 4 channels video stream (analog channel) SMD Plus



System	
Main Processor	Embedded Processor
Operating System	Embedded LINUX
SMD Plus	
Performance	4 channels
AI Search	Search by target classification (Human, Vehicle)
Video and Audio	
Analog Camera Input	4 Channel, BNC
HDCVI Camera	1080P@25/30fps, 720P@50/60fps, 720P@25/30fps
AHD Camera	1080P@25/30, 720P@25/30fps
TVI Camera	1080P@25/30, 720P@25/30fps
CVBS Camera	PAL/NTSC
IP Camera Input	4+1 Channel, each channel up to 2MP
Audio In/Out	1/1, RCA
Two-way Talk	Reuse audio in/out, RCA
Recording	
Compression	AI Coding/H.265+/H.265/H.264+/H.264
Resolution	1080N; 720p; 960H; D1; CIF
Record Rate	Main Stream: All channels 1080N/720P/960H/D1/CIF/(1~25/30fps) Sub stream: CIF (1~15 fps)
Bit Rate	32Kbps ~ 4096Kbps Per Channel
Record Mode	Manual, Schedule (General, Continuous), MD (Video detection: Motion Detection, Video Loss, Tampering), Alarm, Stop
Record Interval	1 ~ 60 min (default: 60 min), Pre-record: 1 ~ 30 sec, Post-record: 10 ~ 300 sec
Audio Compression	G.711A, G.711U, PCM
Audio Sample Rate	8KHz, 16 bit Per Channel
Audio Bit Rate	64Kbps Per Channel
Display	
Interface	1 HDMI ,1 VGA
Resolution	1920×1080, 1280×1024, 1280×720
Multi-screen Display	When IP extension mode not enabled: 1/4

	When IP extension mode enabled: 1/4/6
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
Network	
Interface	1 RJ-45 Port (100M)
Network Function	HTTP, HTTPS, TCP/IP, IPv4/IPv6, Wi-Fi, 3G/4G, SNMP, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, P2P, IP Search (Supports KBVISION IP camera, DVR, NVS, etc.)
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF 16.12, CGI Conformant
Video Detection and Alarm	
Trigger Events	Recording, PTZ, Tour, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips
Video Detection	Motion Detection, MD Zones: 396 (22 × 18), Video Loss, Tampering and Diagnosis
Alarm input	N/A
Relay Output	N/A
Playback and Backup	
Playback	1/4
Search Mode	Time /Date, Alarm, MD and Exact Search (accurate to second)
Playback Function	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
Storage	
Internal HDD	1 SATA Port, up to 6TB capacity
eSATA	N/A
Auxiliary Interface	
USB	2 USB 2.0
RS232	N/A
RS485	N/A
Electrical	
Power Supply	DC12V/1.5A

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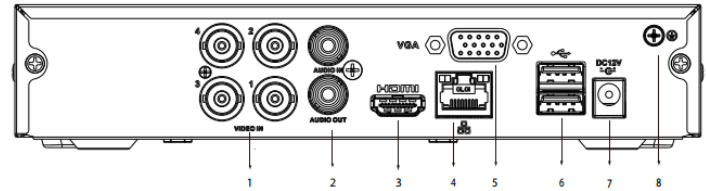
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Power Consumption (without HDD)	<7W
<b>Construction</b>	
Dimensions	Cooper 1U, 198 mm × 203.4 mm × 41.5 mm (7.81" × 8.01" × 1.63")
Net Weight (without HDD)	0.57 kg (1.25 lb)
Gross Weight	1.12 kg (2.45 lb)
Installation	Desktop installation
<b>Environmental</b>	
Operating Conditions	-10°C ~ +45°C (+14°F ~ +113°F), 0~ 90% RH
Storage Conditions	-20°C ~ +70°C (-4°F ~ +158°F), 0~ 90% RH

#### Third-party Support

Third-party Support Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek, and more

#### Panels



- |               |                               |
|---------------|-------------------------------|
| 1 VIDEO IN    | 2 AUDIO IN/OUT, RCA Connector |
| 3 HDMI Port   | 4 Network Port                |
| 5 VGA Port    | 6 USB Ports                   |
| 7 Power Input | 8 Ground                      |