KBVISION

KX-FM8104S
4 Channels H.265 1 HDD Mobile Video Recorder

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

· Support penta-brid (HDCVI/AHD/TVI/CVBS/IP) video input
· Support H.265/smart H.265 video compression
· Support 4 channels 1080P realtime recording
· VGA/TV simultaneous video output
· Support 1 HDD and 1 SD card
· Support face detection
· Aviation connectors adopted
· Multiple network monitoring: Web viewer, KBiVMS & KBView Plus

GPS | 3G/4G | Anti-vibration | Fanless | G-sensor
1080p FULL HD | Temperature | Easy Installation | 6~36V ISO7637-2

System	
Main Processor	Embedded microprocessor
Operating System	Embedded LINUX
Video and audio	
Input	4 channels HDCVI/AHD/TVI/CVBS (Don't support audio in when connecting AHD/TVI cameras) + 4 channel 4MP IPC
Two-way talk	1 channel Input, 1 channel Output
Display	
Interface	1 VGA, 2 TV
Resolution	800×600
Display Split	1/4/8/9
Privacy Masking	4 rectangular zones (each camera)
OSD	Channel name, time, GPS, license No.
Recording	
Video Compression	H.265/smart H.265 /H.264/smart H.264
Audio Compression	G.711A/G.711U/PCM
Resolution	4 ch@1080P realtime recording
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 and Alarm	
Trigger Events	Recording, PTZ, Tour, Alarm, Email, FTP, Buzzer & Screen tips
Video Detection	Motion Detection, MD Zones:396(PAL: 22×18, NTSC: 22×15), Video Loss & Tampering
Alarm input	9 channels, Alarm1–8 are local alarm input, Alarm 9 is pulse input.
Alarm Output	2 channels,1 relay out, 1 Controllable 12V out
Playback and Backup	
Playback	1 channel

Search Mode	Time/Date, Alarm, Motion Detection & 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 HDD
SD card	1 SD card, Up to 256 GB
Network	
Ethernet	1 RJ-45 Port (10/100Mbps) and 1 6-pin aviation connector
Wireless Network	Built-in 3G/4G/Wi-Fi module(optional)
GPS	Built-in high accurate GPS module(optional)
Network Function	TCP/IP, UDP, DHCP, FTP, Email, Alarm Server
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android
Auxiliary Interface	
USB	3 USB 2.0
RS232	2 Ports
RS485	1 Port
Heater	Optional
Electrical	
Power Supply	DC 6V~36V
Power Consumption	<8.4W (Without HDD)
Environmental	
Operating Temperature	-30°C (with heater)~ +70°C (-22°F ~ +158°F)
Operating Humidity	10 ~ 90% RH
Construction	
Dimensions	180mm×190mm×50mm (7.0" x 8.7" x 2.0")

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Net Weight (without HDD)	1.92Kg (4.23 lb) (without HDD)
Gross Weight	2.83Kg (6.24 lb)

Dimensions (mm)