

KX-FM8104PN-I

4 Channels POE 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 4 channels of POE IP cameras input and 2 channels of HDCVI input.
- Support H.265/smart H.265 video compression
- Support 4MP realtime recording
- Support face detection, license plate recognition, driving behavior detection of smoking, calling, yawning, and warning of cars hit
- VGA, HDMI simultaneous video output
- Support 1HDD, 2 USB3.0 ,1 USB2.0
- Adopt aviation connectors
- Multiple network monitoring: Web viewer, KBiVMS & KBView Plus

System	
Main Processor	Embedded microprocessor
Operating System	Embedded LINUX
Audio	
Audio Compression	G711A, G711U, G726, PCM
Audio Output	2 channels
Audio Sampling	8KHz, 16Bit
Image	
Image Compression	H.265+/H.265/H.264+/H.264
Resolution	1080p (1920×1080) for all channels
Video	
Video Input	4 channels of POE RJ-45 ports; 2 channels of HDCVI analog video signal input (DSM/ADAS)
Video Output	VGA, M16 aviation connector, HDMI
Video Frame Rate	PAL: 1fps–25fps NTSC: 1fps–30fps
Multi-screen Display	1 window, 4 windows, 6 windows
Tour	Timed auto control, dynamic surveillance and alarm.
OSD	Channel, time, license plate, GPS
Color	Set tone, brightness, contrast, saturation and gains for each channel's video image.
Alarm	
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 0.75A out
Linkage	Snapshot, tour, recording, buzzing and email.
Hard Disk	
Quantity & Storage Space	1 SD card with max storage capacity of 512G, 1 internal HDD
Work Management	Non-working hard disks fall asleep, to help to reduce power consumption and dissipate heat.
Function	
Recording Priority	Manual recording > alarm recording > motion detection recording > Timed recording

Recording Resolution	1080P for all channels
Recording Lasting Time	1min–60 min (default: 60 min), pre-record: 1 sec–30 sec, post-record: 10 sec–300 sec
HDD full	Stop Record; Overwrite
Recording Searching	Time/Date, Alarm, MD and Exact Search (accurate to second)
Recording Playback Speed	Several playback rates of slow playback or fast playback; playing video backwards; manual single frame playback
Recording Playback Switching	When playing a recording, with one click, switch to recording in another channel whose play time will be the same one.
Playback	1 channel
Digital Zoom	When playing recording in a full screen, select a region on the screen to enlarge it.
Motion Detection	396 motion detection regions for each channel; different sensitivity levels selectable for a region.
Video Loss	Yes
Vehicle Event Detection	Rolling over and hitting detection
Storage Capacity Extension	Extends storage capacity by USB flash drive or mobile hard disk.
User Management	Management of users of different roles
User Password Security	Yes
Program Upgrade	Upgrade by web, MHVR client or other tools; by USB flash drive
Port	
SD Card	1, with max 512G storage capacity
USB Port	2 USB 3.0 ports, 1 USB 2.0 port
Network Port	1, RJ45 10M/100M self-adaptive Ethernet port
SATA	1
RS-485	1
RS-232	2
CAN	1
VGA	1
HDMI	1

KX-FM8104PN-I

4 Channels POE 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.

Wi-Fi	Optional
3G/4G	Optional
GPS	Optional
AI	
Face Comparison	Max 30,000 face images, 20 face databases
Driver Status Monitoring	DSM: Smoking, calling, yawning, looking around unfocused, being absent ADAS: Warning of cars hit; detection of lane departure
Vehicle Recognition	Recognition of license plate, vehicle brand.
Performance	Support max 2 intelligent rules for channels at the same time
Others	
Power Supply	6V DC–36V DC
Power Consumption	≤12W (only for MHVR and without any peripheral)
Operating Temperature	-30°C to +70°C; 10%–90%
Dimension	180 mm × 190 mm × 50 mm (7.0" × 8.7" × 2.0")
Gross Weight (Package Box Contained)	2.1kg

Dimensions (mm)

