



FMS Eagle Eye 2K



The **FMS Eagle Eye** Camera System is a four-channel mobile digital video recorder system designed specifically for car video surveillance. It uses an embedded processor and operating system along with 3G/GSM, Wifi router and the latest technology in the market today including; audio and video compression / decompression, large capacity SD card recording, high intelligence and high stability.

FEATURES

Video Channel:	1-4 Channel optional
Image Transfer:	3G with Wifi Router on air communication
Resolution:	Support CIF, HD1, Two Kind of Resolution
Picture Quality:	1-4 Optional, most clear is 1
OSD:	Can be superimposed on various characters, such as date, time and channel ID
Recording Support:	SD Card cycle recording and loop deleted
Video Mode:	Support boot recording, time recording, and manual recording mode
Preview:	Support single screen and four screens
Disk Overlay:	Support disk overwrite automatically
Video Search:	Support Search any time during one day, and variety of search type
Play Back:	Support single road to four road playback, forward, rewind, support 2.4.8.16 times speed
Delay Turn Off:	Support key switch and timer switch
System Power-OFF Protection:	Can save the data when the system power shut down. Avoid the damage of the video file and the file system

TECHNICAL PARAMETERS

Main Processor:	Samsung S5P6818 Octa-Core Cortex-A53, 400 MHz - 1.4G Hz
Operating System:	U-boot, android 5.1, Debian-Jessie, Ubuntu-Core-Xenial
Video Standard:	HDMI Type-A / LVDS / Parallel RGB - LCD / MIPI-DSI (four video output interfaces)
Power Management:	ACP228 PMU, it supports software power-off and wake-UP
System memory:	1.0 GB 32bit DDR3 RAM
Ethernet:	Gbit Ethernet (RTL8211E)
Wifi:	802.11b/n
Bluetooth:	4.0 dual mode
Antenna:	Porcelain Antenna IPX Interface
eMMC:	8GB
Password Security:	User password, administrator, and two management accounts

IMAGE PROCESSOR STORAGE

Video Input:	DVP Camera/MIPI-CSI (two embedded camera and 4 external camera interface)
Video Output:	4-Way video and playback, while multi-channel network transmission
USB Host:	4 x USB 2.0 Host, two type-A ports and two 2.54 mm pitch pin-headers
LCD Interface	0.5mm pitch 45 pin FPC seat, full color RGB 8-8-8
HDMI:	1.4A Type A, 1080P
DVP Camera:	0.5 mm pitch 45 pin FPC seat
Backup:	1 x SD Card Socket
GPIO:	2.54 mm pitch 30 pin-header
Serial Debug:	2.54 mm pitch 4-pin-header
User key:	K1 (power), Reset
LED:	1 x power LED and 2 x GPIO LED
Power:	DC 5V/2A
Video Storage:	SD Card

CAMERA

Enclosure:	IR Metallic housing
Power:	DC +12 V
Lens Size:	3.6 mm
Type:	Color Sony 1/3 12 Infrared light camera

VIDEO

Video Input:	4 Channel composite video input 1.0V, pp, impedance 75 Ohm, 4 Way air connect
Video Output:	1 Channel air connect, 1 channel RCA
Video Display:	Single-screen, or quad screen display

AUDIO

Audio Compression:	ADPCM
Audio Input:	4-way air connect
Audio Output:	1 Channel connect

OTHER FEATURES

Alarm input:	4 PCs switch
Communication Interface:	1-way RS485, 1-way RS232
Storage Interface:	1 SD interface (can be extended SATA hard disk)
USB Interface:	USB 1.1.1 PC
Software Update:	USB

HEAD OFFICE



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