FMS Eagle Eye 2K

The **FMS Eagle Eye** Camera System is a four-channel 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 recornding 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, Ubunti-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

PRODUCT CODE: FMS-30412-000