

# KDM2410M-V21

Vehicle NVR / WiFi, 4G, GPS



## Features

### Excellent Video Transmission

KWTP protocol for 3G / 4G transmission, improve the video stream continuity under unstable network  
H.265 video codec, saves up to 50% bandwidth and storage

### High Reliability

Embedded Linux  
Low power consumption  
Aviation plug design for Ethernet, video, audio, control signal and power supply  
Fan-less design with heat dissipation shell  
Shock-proofed design, protect the HDD while vehicle is being driven

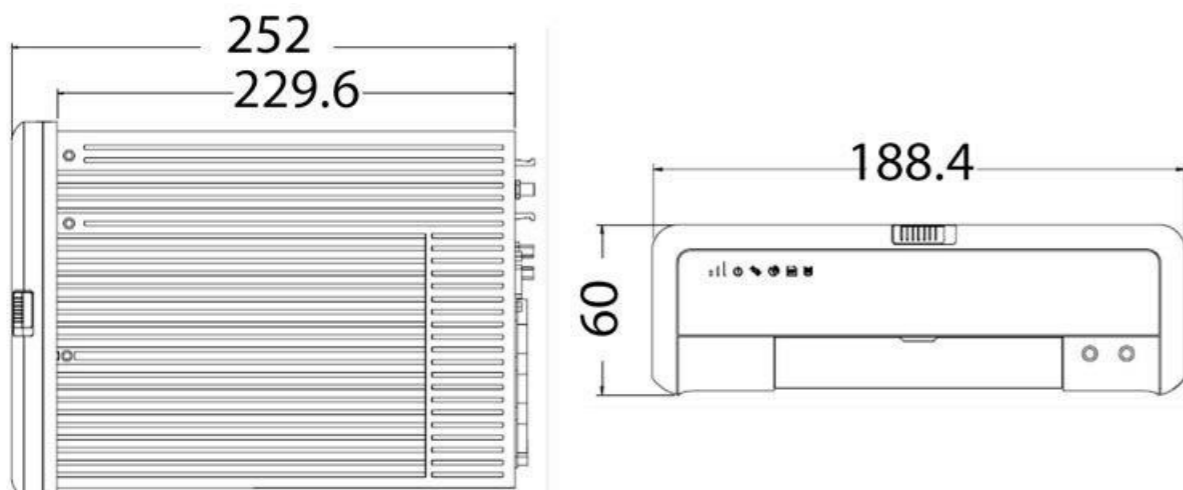
### Easy to Use

Pluggable HDD drawer, easy to change HDD module  
HDD module support USB interface, easy to backup record

### Abundant functions and features

4 Channel IP Camera + 4 Channel Analog Camera access  
Built-in WIFI AP module, can access WIFI IP camera and PAD  
All mobile networks supported  
Built-in GPS module  
Dual SIM card bundle supported

Dimensions Unit: mm



## Specifications

KDM2410M-V21	
<b>Camera Input</b>	
IP Camera	4 Channel
Analog Camera	4 Channel
<b>Video</b>	
Compression	H.265 / H.264
Resolution	4MP, 1080p, 720p, D1, CIF, QCIF
Dual-stream	Supported
Video Frame Rate	1 ~ 30fps
Bitrate	64Kbps ~ 4Mbps
<b>Audio</b>	
Compression	G.711a / G.711u / ADPCM / AMR / G.722.1c / AAC-LC
Bit rate	24Kbps ~ 64Kbps
Audio Function	Bi-directional audio / AEC / Mute / Dumb / Remix
<b>Storage</b>	
HDD	1 x 2.5" hard disk (hard disk drawer), Max. 4TB
Memory Slot	SD slot, support up to 128GB
<b>Network</b>	
Network Protocol supported	TCP/IP, ARP, FTP, TELNET, HTTP, RTP/RTCP, SNTP, VSIP, KWTP, IPv4, IPv6 (optional)
Function	NAT / Multiple network access / Packet loss recovery
Wireless	3G (optional) / 4G (optional) / WIFI
3G / 4G Frequency Band	FDD-LTE: B1 / B2 / B3 / B5 / B7 / B8 / B20 TDD-LTE: B38 / B39 / B40 / B41 HSPA / UMTS: 850 / 900 / 1800 / 1900 / 2100MHz GSM / GPRS / EDGE: 850 / 900 / 1800 / 1900MHz TD-SCDMA: B34 / B39 EVDO/CDMA: BC0 / BC1
WIFI	802.11b/g/n 2.4G, WIFI AP
Location Technology	GPS, GLONASS (optional), BeiDou (optional)
<b>Interfaces</b>	
Ethernet	1 x RJ45, 10Base-T/100Base-TX
Audio In / Out	1 x Mic in, 1 x Mic out
Aviation Plug	4 x 10 pin: 4 x Video input / 4 x Audio input, 4 x DC12V / 1A Output, 4 x RJ45 1 x 4 pin: Power supply for PTZ Camera 1 x 10 pin: Video output 1 x 9 pin: Power input 9 ~ 36V DC
Alarm In / Out	4 x Input / 1 x Output
Control	1 x RS485, 1 x RS232
Antenna	1 x WIFI Antenna interface, 1 x GPS Antenna interface
Extension	3 x Extension module slot (supports 3G / 4G module, GLONASS / BeiDou)
<b>Environmental</b>	
Operating Temperature	-40°C ~ 70°C / -40°F ~ 158°F
Operating Humidity	10% ~ 85%
Elevation	-60m ~ 5000m
<b>Electrical</b>	
Power	9 ~ 36V DC wide range input 12V DC input
Power Consumption	15W (HDD not included)
<b>Mechanical</b>	
Weight	2.45kg
Dimension	252mm x 188.4mm x 60mm
<b>Accessories</b>	
Standard	1 x WIFI Antenna, 1 x GPS Antenna, 7 x Aviation plug connector cable, 1 x USB
Optional	3G / 4G Module, Mounting Box, HDD Box, Android Pad