

# Mobile Network Video Recorder



## Mobile NVR - PureMobile Series



VIDEO EVIDENCE SOLUTIONS FOR LAW ENFORCEMENT | EMERGENCY VEHICLES | PUBLIC TRANSPORT

### PureMobile NVR for Mobile & Rapid Deployment Applications

Record **high definition** video for mobile and rapid deployment applications on cars, trucks, busses, trains, aeroplanes, boats & more with video analytics, ANPR\* and 3G CCTV transmission options.

#### Overview

The BiKal PureMobile Network Video Recorders are designed for use in mobile or rugged environments working in demanding and harsh conditions to deliver high quality surveillance solutions. Typical usage include inside cars, trucks, busses, trains, aeroplanes, boats, ships and external applications suiting public transport & law enforcement solutions.

The PureMobile series records 4 to 16 analogue or IP cameras including MegaPixel cameras for high definition CCTV images 24x7. Additional features include options for video analytics, ANPR applications, GPS & navigation to a communication suite including fax, printer & live database queries. WiFi and 3G mobile broadband options also available for instant communications for live video feeds & real time data. Supplied with EyeSoft software. Contact BiKal to discuss bespoke applications for your needs.

#### Features

- 4 to 16 cameras
- Supports up to 1080p
- Multi Monitor Support
- Touch Screen Operation
- EyeSoft Surveillance Software
- Support 50+ Camera Manufacturers
- Support Analogue Cameras
- Remote Connection to Centre



#### Options

- Video Analytics
- SATA or SSHD Upgrades
- Media Management Software
- GPS, Tracking, Navigation
- Mobile 3G or WiFi
- ANPR Frame Grabber
- 4 port POE
- 4 port video



Public Transport  
Buses, Trains  
Trucks, Trams  
Law Enforcement  
Logistics, Freight  
Ships, Aircraft

Contact us for custom applications

# Specifications

1-4/U/0209/BK

**Mobile NVR** for a variety of applications from in vehicle solutions for transport industry to use in harsh environments or remote / outdoor locations. Rugged compact design with a variety of communication options from 3G mobile to WiFi and GPS are available. MegaPixel video & video analytics capable. Also available as custom designed turnkey surveillance units including IP cameras.

BKN PM4 - Intel Atom (2GB RAM)  
BKN PM4 - Intel Core2Duo (3GB RAM)  
BKN PM4 - Intel Quad (4GB RAM)

320GB ~ 500GB SATA Hard Drive (1TB Optional)  
256 ~ 500GB Solid State Drives (Optional)  
Windows XP Pro (SP3) / Win7 Pro  
10/100/1000 TX RJ45 port  
VGA / DVI & HDMI Dual Video Output \*  
Nvidia CUDA / PhysX / Clear Video, 256MB Graphics  
7.1 surround Audio via Coax / Optical  
6 x USB, 1 x E-SATA, PS2 (keyboard only)  
Integrated WiFi Wireless b/g/n

Internal 120W~160w automotive power supply:  
Compatible with 12V and 24V systems. Normal input voltage: 7.5V to 30V Peak input voltage: 7V to 36V PC automatically boots and shuts down / hibernates / enters standby with vehicle ignition. Configurable shut-down delay after ignition is turned off .

Wake on LAN compatible - PC can be woken up for up to 20 minutes at a time with the ignition turned off . High efficiency for extended battery life. Does not reboot the PC during engine cranking. Protection against transients and load dumps. Automatic shutdown with low battery. Configurable start-up and shut-down voltages. Idle power consumption <3mA. 12V accessory output for powering peripherals - up to 1.5A. Remote output for turning on and off external devices such as amplifiers. 15A automotive mini blade input fuse.

Optional Analytics modules include human tracking, object detection to smoke & fire detection. Please see EyeSoft for more info. Features Double-De-Interlace technology when used with analogue cameras.



## Shock & Vibration

350G @ 10~500 Hz with CF / SSD, Random. 1500G Impact  
2G @ 10~500 Hz with HDD (in operation)

## Dimensions

Width: 19.4 cm (21.4 cm including mounting flanges at base)  
Height: 7.5 cm  
Depth: 25.2 cm

## All Mobile NVR's include:

Internal automotive power supply that can turn the PC on/off with vehicle ignition

Hard Drive (upgradable – see below)  
2 GB RAM (upgradable – see below)  
Windows XP/7 Professional preinstalled  
All Mini PCs are 12~24V compatible  
Integrated multi-channel audio  
eyesoft surveillance software license

## Options

Anti-Vibration Kit  
SATA or SSHD upgrades  
3G Communications  
GPS antenna  
External antennas  
Mobile Printer / Fax  
Outdoor Housing  
IR Remote Control  
5~10" touch screen / standard monitor

**BKN/PM/ES4 = 4ch Mobile NVR**

**BKN/PM/ES8 = 8ch Mobile NVR**

**BKN/PM/ES16 = 16ch Mobile NVR**

Windows XP 

eyesoft  
ip surveillance software

Made in United Kingdom

