

**KGUARD**<sup>®</sup>  
SECURITY

# MARS NVR Combo Kit

Your Security  
Our Focus



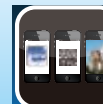
Support Integrated  
Power over Ethernet (PoE)



Compatible with  
**Dropbox**

**1.3**  
Mega Pixel

Identify person's faces  
or license plates



3 Simple  
Steps for Setup

## MARS NVR All-In-One Combo Kit

Consumer IP Camera



# All-in-One

## KGUARD<sup>®</sup> SECURITY

NAS/NVR



Entry Level

Affordable prices

Professional Level

## 960P HD IP Cameras

960P (1280x960, 1.3M) High resolution cameras allow you to identify a license plate number or a person's face

**D1 (0.3Mega Pixel)**



**960P (1.3Mega Pixel)**



**CIF (0.08Mega Pixel)**



The picture is under ideal conditions (almost under 6m). Actual range and clarity may vary depending on scene/object reflection and camera application

## PoE-Connect Without Limitation



The outdoor IP Camera has built in Power over Ethernet (PoE) that allows a single cable to provide electrical power and data transaction.



**Plug & Play**



**up to 100 meters**

100 meter PoE cable is not included in the package

## Easy Connection to The Internet Via QR Code

Only 3 simple steps to setup. Just plug the NVR into the internet, download the "New KView" app and use the device to scan the QR code on your NVR. Once the scan is complete, you can use your device right away.

- ★ **No network setup required** DHCP mode
- ★ **Easy connection to internet via QR code**



## Store Images on "Dropbox"

The NVR supports cloud service with Dropbox. This cloud storage allows users to have access to images at any time from anywhere making it easy to monitor and share in seconds. These images will be stored safely even if the NVR is stolen or damaged.



## Support HDMI Output

The NVR is equipped with Full HD output which is displayed at 1080p standard, providing you with excellent HD videos and images on HDTV at home or at work



**Output**  
**Full HD**  
**1080P**



## Day & Night

### IPB-200

Night vision up to 30m/98ft in total darkness





## IPB-100



3.6  
mm  
Lens

3.6mm lens with 75 degree viewing angle to monitor particular areas

vision  
20m  
65ft

Night vision up to 20m/65ft in total darkness

960P

960P (1280x960,1.3M) High resolution cameras allow you to identify license plates or person's faces

PoE

Support integrated Power Over Ethernet (PoE) that allows a single cable to provide electrical power and data transaction.

Weather  
proof

Weather proof case to protect the camera and survive rainy days

## IPB-200



6  
mm  
Lens

6mm lens with 45 degree viewing angle to monitor particular areas

vision  
30m  
98ft

Night vision up to 30m/98ft in total darkness

960P

960P (1280x960,1.3M) High resolution cameras allow you to identify license plates or person's faces

PoE

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## New KView

Support free New KView app on most popular device system



Anywhere Anytime

Try  
me  
Now



App Store



Google play

# NVR Specification

## NVR

MR-400

### Cloud

Cloud Storage	Yes
Storage Mode	Schedule / Motion Detection

### Video

Video Input	4 LAN ports
Video Output	1 VGA & 1 HDMI Outputs
Video Output Resolution	800x600, 1024x768, 1280x1024, 1440x900, 1920x1080

### Audio

Audio Compression	G.711
Audio Output	1 RCA output

### Recording

Video Compression	H.264
Recording Resolution	4 x 30fps @ 720p
Recording Mode	Manual / Always / Schedule / Motion Detection / Alarm / Remote Recording
HDD Interface	1 SATA
HDD Support	Up to 4TB

### Network

Network Interface	1 WAN port
Network Protocol	DHCP, PPPoE, Static IP
Browser Support	IE 8.0 or above & Safari

### Playback

Local Playback	4 x 30fps @ 720p
Remote Playback	4 channels simultaneously via browsers
Playback Search	Time & Date, Alarm, Motion Detection
Playback Mode	Play, Fast Forward, Fast Rewind, Slow, Zoom

### General

IR Extender Port	Yes
Sensor IN & Alarm OUT Port	4-IN, 1-OUT
Trigger Event	Recording, Alarm Out, E-mail, Buzzer, Full Screen
Backup Method	USB Flash Drive, USB HDD, Network
Power Consumption (W/O HDD)	≤15W
Power Supply	DC 19V/4A
Camera Power Supply over PoE	Yes
Operating Temperature (W/O HDD)	0°C to 55°C ( 32°F to 131°F )
Working Humidity	10%~90%
Dimension (LxWxH)	300×220×47mm

## Camera Specification

Camera	IPB-100
Image Sensor	1/3" Mega Pixel CMOS Sensor with IR Cut Filter
Max. Resolution	1280(H) x 960(V)
Lens	3.6mm fixed, F1.2
Viewing Angle	75°
Night Vision	20m / 65ft
Minimum Illumination	While Infrared LED on "0" lux
Day Mode	Color during day
Night Mode	switches to B&W at night
Electronics Shutter	1/3 ~ 1/10,000 (sec)
Waterproof	IP66
Operating Temperature	-10 °C ~ 60 °C (14°F ~ 140°F)
Power Supply	12 VDC ± 10%, PoE
Dimensions	150x63x61mm
Weight	420g



Camera	IPB-200
Image Sensor	1/3" Mega Pixel CMOS Sensor with IR Cut Filter
Max. Resolution	1280(H) x 960(V)
Lens	6mm fixed, F1.2
Viewing Angle	45°
Night Vision	30m / 98ft
Minimum Illumination	While Infrared LED on "0" lux
Day Mode	Color during day
Night Mode	switches to B&W at night
Electronics Shutter	1/3 ~ 1/10,000 (sec)
Waterproof	IP66
Operating Temperature	-10 °C ~ 60 °C (14°F ~ 140°F)
Power Supply	12 VDC ± 10%, PoE
Dimensions	150x63x61mm
Weight	420g



## Model Options:

 MR-4040

 MR-4020



 IPB-020PK



## What's in the box?



Standalone NVR



Camera



Remote Control



15M/30M PoE cable



1.8M Ethernet Cable



HDMI Cable



USB Mouse



Software CD



Power Adapter (19V4A)



Quick Installation Guide



Warranty Card



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