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Security Agents & Installer Lic # 29058

4 Megapixel CCTV Systems

4MP Cameras – Day Night / Weatherproof / Vandalproof

DOME

2x Dot Matrix Smart IR LEDs



OUTDOOR BULLET

48 x Smart IR LEDs



General 4MP Camera Specifications

Sensor	1/3" CMOS Sensor
WDR	True Wide Dynamic Range
Lens	2.8 Fixed / 4mm Fixed / 3.3mm to 12mm motorized option available.
Video Processing	H.265 / H.264 / MJPEG
Video Resolution	4MP (2592 × 1520)
Video test Output	CVBS video output (BNC × 1)
Network Port	10M/100M
Network Protocol	TCP / IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP
Operation	Support Web Browser Set, OSD via NVR, real-time video transmission.
Standard protocol	Onvif 2.4
Mobile Phone	Support iPhone & Android
Power source	POE / DC 12V Regulated Adaptor



IP FORMAT NVR / Real Time / 4K Display

4/8 Channel to 6TB

16/32 Channel to 48TB



General 4MP NVR Specifications

IP Inputs	4 / 8 / 16 x PoE RJ45 Connection
Video Outputs	1x VGA 1080P, 1x HDMI 4K
Pentaplex Operation	Display, Record ,Playback ,Remote Access & Backup Simultaneously
Recording	5MP / 4MP / 3MP / 1080P / 960P / 720P
Compression format	True H.265 Format = HDD Space saving (Not H264 Plus)
VGA Resolution	1280x1024, 1920x1080
HDMI Resolution	1280x1024, 1920x1080, 3840x2160
Recording Modes	Manual, timer, motion, sensor
Playback Channels	1 - 16 cameras at the same time
Video Search	Time slice / time / event / tag search
Remote Access	iPhone / iPad / Android Devices / Remote Monitoring PC & MAC ***
Operating System Support	Windows XP, Windows Vista, Windows 7, Windows 10
Compatible Browsers	Internet Explorer (IE), Mac (safari). Firefox
Simultaneous Connections	Up to 10
Dual Stream	For Easier Internet Access with Lower Bandwidths
Backup via	PC, USB flash drive
USB Interface	2 Ports (one for USB Mouse, one for File Backup)
PTZ Control	RS-485; 255 Presets, 8 Cruise (PTZ Camera not included)

UPGRADE OPTIONS



MONITORS – 19" 24" 27 "

IPS means Wide Viewing angles without changes in brightness or colour.

- VESA Mount
- HDMI & VGA
- **Ultra HD Monitors to suit 4K NVR's**
(Remote Mouse & Mount Bracket options POA)



UPGRADE HDD – LONG RECORD

Specialist Surveillance Drives.
Larger drives mean more storage and
Reduction in 'Duty Cycle' of the HDD.

64MB BUFFER

6GB/S

Minimum 300,000 Cycles



PROFESSIONAL UPS 700VA/420W

BACKUP POWER (UPS) - 700VA/420W.
Quality surge protection and backup power
system. Protects the Hard Drive and keeps
cameras operative in power outages.
*(Please note - Any UPS Warranties are RTM
and to be pursued by the client.)*



RACK CABINET

Ideal solution for CCTV housing offering
versatility and protection.



Why choose iGuard ?

- LICENCED SECURITY AGENTS, CONSULTANTS & INSTALLERS.
(Agents Lic # 29058)
- \$10,000,000 PUBLIC LIABILITY INSURANCE.
- COMPREHENSIVE 24 MONTH WARRANTY*
- WORKS CARRIED OUT TO STANDARDS REQUIRED BY LAW.
- PROFESSIONAL TRADES THAT TAKE PRIDE IN THEIR WORK.
- BEST FREE ADVICE WITH YOUR BEST INTEREST AT HEART.

100% LICENCED

100% GUARANTEED

100% INSURED

*12 Months Warranty on Hard Drives only – Please see installation agreement for complete warranty terms.



Why we **don't** do HIKvision.

We only offer this as general information as to why we have not chosen to install HIKvision CCTV systems. HIKvision products are still innovative and a good product in general. We do get many enquiries if we install HIKvision and as a general observation it seems that everyone else is installing HIKvision CCTV. Our reasons not to install HIK are as follows:

- Connecting via MAC to HIKvision systems is still very sketchy and somewhat difficult to achieve.
- Once a HIKvision 'Pig Face' dome has been mounted it is VERY difficult to remove the base ring cover without damaging it. Makes it difficult for maintenance.
 - HIK dome cameras with the plastic base ring do not mount well to uneven brick surfaces – the base goes out of shape easily and you cannot apply the base ring.
 - The HIKvision General User Interface for domestic users is somewhat daunting.
 - We find the APP's not to be as stable, or stream as well as the APPs we employ.
- HIKvision is aggressive in the market often being accused of selling at a loss to gain market control. HIK is mostly a Chinese Government owned manufacturer.
<https://ipvm.com/reports/heres-what-really-sets-hikvision-apart>
- HIKvision is prolific in the market and is prone to hackers concentrating their efforts in finding its vulnerabilities. There have been security issues with HIK in the past and there still is today. <https://ipvm.com/reports/adi-wbox-hikvision>
- 'Grey Product' for HIK is prolific in the Australian market place and the manufacturer does little to prevent it. Grey Product is made for the Chinese market and will have update & warranty issues : <http://www.ozspysecurity.com.au/images/Hikvision-Oceania-Black-Grey-Market-Statement-201511.pdf>
- HIKvision is almost TOO EASY to setup for ANY installer. Many unqualified installers do not address security vulnerabilities when installing.
 - We still wish to be the best alternative in the free market place.