



# CCTV made easy with WiFi.

WiFi Series: 4 channel dual band WiFi NVR with 3.0MP surveillance cameras

Easily set up a surveillance system in your home or business with WiFi Series surveillance from Watchguard. Experience beyond Full HD image quality, without the hassle of running cables between the recorder and cameras.

- Record up to 3.0MP (2304 x 1536) at 20fps over WiFi
- NVR has 1 x SATA slot for up to 10TB HDD capacity
- Up to 80Mbps incoming bandwidth; H.264 support
- HDMI and VGA simultaneous video display outputs
- WiFi connect cameras & NVR up to 50m (line of sight)
- 30m infrared fixed lens wireless dome/bullet cameras
- IP67 weather rated cameras (IK10 vandal rated dome)
- Remote view for iOS, Android & Windows Phone



3x 2.4/5GHz Dual Band WiFi Antennas



50m Wireless Connection Range



Remote View from Anywhere

## Ordering Information

Select a preconfigured WiFi CCTV kit with HDD, or choose individual WiFi surveillance models below.



### 4 Channel 3.0MP WiFi IP Surveillance Kit

Model: NVR335

#### Includes:

- 1 x NVR340 4 Channel WiFi NVR with 1TB Surveillance HDD
- 2 x CAM450 3.0MP 30m IR IP WiFi Mini Bullet Camera
- 2 x CAM451 3.0MP 30m IR IP WiFi Mini Dome Camera



### 4 Channel Dual-Band WiFi Network Video Recorder

Model: NVR335



### 3.0MP 30m IR WiFi IP Mini Bullet Camera

Model: CAM450



### 3.0MP 30m IR WiFi IP Mini Dome Camera

Model: CAM451

## Network Video Recorder

	Model	NVR335
Gen.	Main Processor	Dual-core embedded processor
	Video Input	4 channels
	Video Output	1 x HDMI, 1 x VGA
Display	Display Resolution	Configurable from 1920 x 1080 to 1024 x 768
	OSD	1/4 Display Split, Camera title, Time, Video loss, Camera lock, Motion detection, Recording
Recording	Recording Resolution	Configurable from 5.0MP (2592 x 1944) to CIF (352 x 288)
	Incoming Bandwidth	80Mbps
	Bit Rate	H.264: 16kbps ~ 20Mbps per channel
	Video Detection	Motion Detection, Motion Zones: 396 (22 x 18), Video Loss & Tampering
	Search Modes	Time/Date, Alarm, Motion Detection, Exact Search (to the second), Smart Search
Netw.	Ethernet	1 x RJ-45 port (10/100Mbps)
	Remote View	iOS (iPhone, iPad) / Android devices / Windows Phone* (limited functionality)
Stor.	Internal HDD	1 x SATA port, up to 10TB
	USB Interface	2 ports: Rear USB2.0 / Front USB2.0
	Power Supply	12VDC / 2A
	Power Consumption	< 10W (without HDD)
	Operating Environment	-10 ~ 55°C / 10 ~ 90%RH / 86 ~ 106kpa
Environmental	Dimensions	260 x 246 x 48mm
	Weight	0.5kg (without HDD)

## Dome & Bullet Cameras

	Model	CAM450	CAM451
General	Style	Bullet	Dome
	Image Sensor	1/3" 3.0MP Progressive Scan CMOS	
	Effective Pixels	2304 (H) x 1536 (V)	
Lens	Infrared System	24 x Infrared LED, 30m range, Auto/manual on/off control	
	Field of View	Horizontal: 100°, Vertical: 55°	
Video	Resolution	3.0MP (2304 x 1536) to QVGA (320 x 248)	
	Frame Rate	3.0MP (1 ~ 20fps) / 2.0MP (1 ~ 25fps)	
	Bit Rate	H.264: 32 ~ 10240Kbps	
	Day/Night	Auto (ICR) / Color / B&W	
	Lighting Compensation	BLC / HLC / DWDR	
Features	Intelligent Functions	Motion Detection (4 zones), Region of Interest (4 zones), Privacy Masking (4 zones), Smart Infrared	
	Ethernet/ WiFi	RJ-45 (10/100Base-T) / IEEE802.11b/g/n, 50m range (open field)	
	Edge Storage	MicroSD Card (up to 128GB) / NAS / Local PC	
Environmental	Power Supply	12VDC	
	Power Consumption	4.4W	5.5W
	Operating Conditions	-10° ~ +50° C / Less than 95% RH	
	Ingress Protection	IP67	
	Vandal Resistance	N/A	IK10
	Dimensions	Ø70mm x 164.7mm	Ø110mm x 81mm
Net Weight	0.43kg	0.34kg	