



Neptune

Security Products

FEATURES

Camera

- HD 1080P
- MPEG 4 video compression
- IP66 weatherproof
- Up to 10 meters night vision
- Support 4 cameras
- ICR filter auto switch for real Day/Night vision
- Motion detected by using PIR sensor

Distance

- LoS 300m

Monitor

- 7-inch LCD touch screen
- Individually record clear HD or VGA quality video and audio

System

- Remote access live video via smartphones or tablets
- Video playback via smart phones or tablets

RF

- 2.4GHz, FHSS





Recording





- MicroSD support up to 256GB
- 5~15 seconds pre-recording
- Real time recording
- Playback allowed when recording
- Schedule and motion activation recording
- Automatic overwrite





Alert

- Motion activation
- Trigger alarm push notifications



			
Image Resolution	Motion Detection	Night Vision	Weatherproof

			
LCD Screen Size	Touch Screen	Split Screen	Transmission

			
Recording	Event Alert	Recording	Remote Access



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SPECIFICATION

Camera

2.4G Proprietary RF	Frequency	2400MHz- 2483.5MHz
	Modulation	GFSK, FHSS
	Antenna	Dipole
	Channel	16 channels
	Data Rate	4 Mbps
	Transmission Distance (LoS)	300m
Image	Image Sensor	1/4" colour CMOS
	Effective Pixel (H/V)	1280x720
	Image Resolution	HD/VGA/QVGA
	Video Compression	MPEG4
	Lens Focus	1.5m ~ ∞ (f3.8mm)
	View Angle U/D/R/L(TYP)	17/17/30/30 deg
	Frame Rate	15 fps @ HD/one camera 30 fps @ VGA/one camera
	PIR Range	High: 7m, Middle: 5m, Low: 3m
Audio	Auto White Balance	Yes
	Audio Input	One-way audio with built-in MIC
	Sampling Rate	16KHz, 8 bits
Night Nision	Sampling Compression	PCM
	Light Sensor	Yes
	IR Cut Filter	Yes
	Night Vision Range	10m
System	Night Vision Activation	Min 10 Lux Activation
	Cameras Supported	4
	Weather-proof Level	IP66
	Power Supply	DC 9V, 800mA
	Operating Temperature	-10 ~ 50 deg C
	Operating Humidity	0 ~ 90% RH

Monitor

2.4G Proprietary RF	Frequency	2400MHz- 2483.5MHz
	Modulation	GFSK, FHSS
	Antenna	Dipole
Display	LCD Screen Size	7"
	Display Resolution	800 X 480
	Resolution Control	VGA/HD
	Panel view Angle U/D/L/R(TYP)	70/70/80/80 deg
	Touch Screen	Resistive
Recording	Storage	SD card (Max 256GB)
	Recording Mode	Motion detection (PIR & Image) /Schedule/Manual
	Pre-recording (Motion)	Yes (5 ~ 15sec, depends on resolution used, VGA or HD)
	Automatic Overwrite	Yes
	Playback on Monitor	Yes
Alert	Motion Activation Alert	Yes (On/Off)
	Unlink Alert	Yes (On/Off)
	Battery Low Alert	Yes (On/Off)
System	Volume Control	0~9 levels, Default setting: bar 5 (level 5)
	Brightness Control	1~8 levels, Default setting: bar 4 (level 4)
	Power Supply	DC 5V, 2A
	Battery Capability	3.7V 3000 mAh Li-ion battery
	Battery Life	>5 hours (Power saving mode)
	Operating Temperature	0 ~ 40 deg C
Remote Access	Operating Humidity	40%~90% RH
	iOS Software	6.0 or up
	Android Software	4.0 or up
	Push Message Alert	Yes

Specifications are subject to change without prior notice.



Outdoor



Home/Office



Small Business