

Video/Audio			
	Type	Channels	
Video Inputs	BNC	8	
Video Output	BNC	1	
	VGA	1	
	HDMI	1	
Audio Inputs ⁽¹⁰⁾	RCA	2	
Audio Output ⁽¹⁰⁾	RCA	1	
PTZ (RS485)	Yes		
Remote Viewing			
Network Interface	RJ45, 10M/100M		
Network Protocol	TCP/IP, UDP, DHCP, DDNS, PPPoE, UPNP		
PC/Mac® Computer Compatibility / Internet Viewing ⁽¹⁾⁽²⁾	System Requirement	Operating System	Browser
	PC	Windows® XP, Windows® Vista, Windows® 7 & Windows® 8	IE® 7 or above & Google Chrome®
	Mac® Computer	Mac OS X® 10.6 and above	Safari® 5.0 and above
Control Management Software ⁽⁷⁾	System Requirement	Operating System	Software
	PC	Windows® XP, Windows® Vista, Windows® 7 & Windows® 8	Video Client / Surveillance Client
	Mac® Computer	Mac OS X® 10.6 and above	Surveillance Client
# of Users – Software	3 Simultaneously		
Mobile Phone / Tablet PC Compatibility ⁽¹⁾⁽⁸⁾	Mobile Platform	Model #	App
	iOS® / iPad®	iOS® 3.0 or above	Night Owl Lite
	Android™ / Pad	Android™ Ver. 1.5 or above	Night Owl Lite
# of Users – Smartphone	1 Simultaneously		
Camera	CM-511 (8 Cameras)		
TV Lines of Resolution	480 TVL		
Image Sensor	1/4" Color		
Lens mm / Viewing Angle	6.0 mm (42° Field of View)		
Effective Pixels	652 x 582		
IR Cut Filter	No		
Backlight Compensation	Auto		
Audio Enabled	No		
Length of Night Vision ⁽⁶⁾	Up to 30 ft.		
Number of LEDs	11		
Minimum Illumination	0 Lux		
Length of Cable	60 ft. per Camera		
Type of Cable	Power / Video – 28 AWG		
Maximum Run Length of Cable	180 ft.		
Video Connection	BNC		
Weatherproof Rating ⁽³⁾	IP-65 (Weather Resistant)		
Power Supply	DC 12V		
Volts	110 / 220		
Operating Temperature ⁽¹⁾	-14°F to 122°F		
Dimensions (L x W x H)	2.0" x 3.0" x 2.0"		
Signal	NTSC		
S/N Ratio	>48dB		
Power Consumption Per Camera	≤1.5W		

Display				
Display Resolution	Type – Resolution		Resolution	
	HDMI / VGA		800 x 600, 1024 x 768, 1280 x 1024, 1440 x 900, 720P, 1080P	
	BNC		704 x 480	
Display Mode	Nine, Quad, Single Channel, Auto-switch and Hidden			
Recording & Playback				
Recording Frame Rate	Channels	Resolution	Recording	Playback
	1 CH Maximum	960H / CH	30	30
		D1 / CH	30	30
		HD1 / CH	30	30
		CIF / CH	30	30
	4 CH Maximum	960H / CH	23	23
		D1 / CH	30	30
		HD1 / CH	30	30
		CIF / CH	30	30
	8 CH Maximum	960H / CH	11	11
		D1 / CH	30	15
		HD1 / CH	30	30
CIF / CH		30	30	
Record Resolution	960H ☼	960 x 480		
	D1 ☼	704 x 480		
	HD1 ☼	704 x 240		
	CIF ☼	352 x 240		
Record Modes	Motion Activated, Continuous and Time Schedule			
Playback Options	By Event and Date			
Playback Mode	Multi-Channel (1/4/9)			
System Information				
Support HDD ⁽⁸⁾	1 x 2 TB (500 GB Pre-installed)			
Backup	USB 2.0 (USB Keys, USB HD)			
Power Supply	DC 12V/2A			
DVR Dimensions (L x W x H)	11.8" x 9.9" x 2.4"			
Operating Temperature	40°F to 110°F			
Other Functions				
PTZ Function	Yes			
Mouse Control	Yes			
Remote Control	Yes			
Multi-Tasking	Yes			
Languages Supported	English, French, Spanish			