

Video / Audio				
	Type	Channels		
Video Input	BNC	16		
Video Output	VGA	1		
	HDMI	1		
Audio Inputs ⁽⁹⁾	RCA	4		
Audio Output ⁽⁹⁾	RCA	1		
PTZ (RS485)	Yes			
Display				
Display Resolution	HDMI / VGA		Up to 1080p	
Display Mode	Sixteen, Nine, Quad, Single Channel, Auto-switch and Hidden			
Recording & Playback				
	Channels	Resolution	Recording	Playback
Recording Frame Rate	16 CH Maximum	720p / CH	15	15
Record Resolution	720p	1280 x 720		
Record Modes	Motion Activated, Continuous and Time Schedule			
Playback Options	By Event and Date			
Playback Mode	Multi-Channel (1/4/9/16)			
Remote Viewing				
Network Interface	RJ45, 10M/100M			
Network Protocol	TCP/IP, UDP, DHCP, DDNS, PPPOE, UPNP			
	System Requirement	Operating System		Browser
PC / Mac® Computer Compatibility / Internet Viewing ⁽¹⁾⁽²⁾	PC	Windows® XP, Windows® Vista, Windows® 7 & Windows® 8		IE® 8 or above & Google Chrome™
	Mac® Computer	Mac OS X® 10.7 and above		Safari® 5.1 and above
	System Requirement	Operating System		Software
Control Management Software ⁽³⁾	PC	Windows® XP, Windows® Vista, Windows® 7 & Windows® 8		Surveillance Client
	Mac® Computer	Mac OS X® 10.7 and above		Surveillance Client
# of Users – Software	3 Simultaneously			
	Mobile Platform	Model #		App
Mobile Phone / Tablet PC Compatibility ⁽¹⁾⁽²⁾	iPhone® / iPad®	iOS® 5.1 and above		Night Owl HD
	Android™ / Pad	Android™ 3.0 and above		Night Owl HD
# of Users – Smartphone	3 Simultaneously			
System Information				
Support HDD ⁽⁵⁾	1 x 4 TB (2 TB Pre-installed)			
Size and Type of HDD	3.5" SATA and 2.5" SATA			
Backup	USB 2.0 (USB Flash Drive, USB HD)			
Power Supply	DC 12V / 2A			
DVR Dimensions (L x W x H)	13.8" x 9.3" x 2.3"			
Operating Temperature	40°F to 110°F			
Other Functions				
PTZ Function	Yes			
Mouse Control	Yes			
Remote Control	Yes			
Multi-Tasking	Yes			
Languages Supported	English, Spanish, French			

Camera Specifications	CAM-AHD7 (14 Cameras)
Resolution	720p
Image Sensor	1/4" Color
Lens mm / Viewing Angle	3.6 mm (70° Field of View)
Effective Pixels	1.0 MP (1280 X 720)
IR Cut Filter	Yes
Backlight Compensation	Auto
Audio Enabled ⁽⁹⁾	No
Length of Night Vision ⁽¹⁾	Up to 100 ft.
Number of LEDs	30 LEDs
Minimum Illumination	0 Lux (IR On)
Length of Cable	60 ft. per Camera
Type of Cable	Power / Video – 24 AWG
Maximum Run Length of Cable	180 ft.
Video Connection	BNC
Weatherproof Rating ⁽⁸⁾	IP-65 (Weather Resistant)
Power Supply	DC 12V / 1.5A
Volts	110 / 220
Operating Temperature ⁽²⁾	-14°F to 122°F
Dimensions (L x W x H)	6.89" x 2.36" x 2.36"
Signal	NTSC
S/N Ratio	>48dB
Power Consumption Per Camera	≤3.6W
Camera Specifications	CAM-PTZ18X-AHD7
Technology	Analog HD (AHD)
Resolution	720p
Image Sensor	1/3" CMOS
Effective Pixels	1.0 MP (1280 X 720)
IR Cut Filter	Yes
Backlight Compensation	Auto
Audio Enabled	No
Length of Night Vision ⁽¹⁾	Up to 300 ft.
Number of LEDs (Size)	8 LED Arrays
Minimum Illumination	0 Lux (IR On)
Length of Cable	100 ft.
Type of Cable	Power / Video / RS485
Video Connection	BNC – AHD
Weatherproof Rating	IP-66 (Outdoor)
Power Supply	DC 12V
Volts	110 / 220
Operating Temperature ⁽²⁾	-14°F to 122°F
Weight (Product Only)	4.63 lbs.
Dimensions (L x W x H)	5.9" x 5.9" x 9.6"
Signal	NTSC
S/N Ratio	>48dB
Power Consumption Per Camera	≤3.6W
PTZ Protocols	Pelco-D, Pelco-P
Pan Max (Degrees)	360°
Tilt Max (Degrees)	90°
Varifocal Range (mm)	4.7 – 84.6 mm
Optical Zoom	18X