

NVR		WNVR-20B-4			
Video / Audio Channels					
		Type	Ports/Channels		
Video/Audio Input		WiFi 2.4 GHz 802.11 b/g/n	4		
		VGA	1		
Video Output		HDMI	1		
Audio Output**		3.5mm Jack	1		
WiFi					
Standard		IEEE 802.11 b/g/n			
Coverage		500ft line of sight			
Display					
Maximum Display Frame Rate		60fps@1080p			
Display Resolution		Type	Resolution		
		HDMI / VGA	Up to 1080p (1920 x 1080)		
Recording & Playback					
		Channels	Resolution	Recording	Playback
Recording Frame Rate		4 CH Maximum	1920 x 1080	15	15
Record Resolution		1080p	1920 x 1080		
Record Modes		Motion Activated, Continuous and Time Schedule			
Playback Options		By Event and Date			
Playback Mode		Multi-Channel (1/4)			
Remote Viewing					
Network Interface		RJ45, 10/100M			
Network Protocol		TCP/IP, UDP, HTTP, DHCP, DDNS, UPNP, SMTP, RTSP			
Network Services		P2P, Push Notifications, Automatic Firmware Upgrade and DDNS			
Streaming Setting					
		Resolution	Compression	Frame Rates	Bitrate
Main Streaming		1920 x 1080	H.264	15	3072kbps
Sub Streaming		640 x 360	H.264	15	384kbps
		System Requirement		Operating System	
PC/Mac®Computer Compatibility(1/2)		PC	Windows®XP, Windows®Vista, Windows®7/8/10		
		Mac®Computer	Mac OS X®10.9 and above		
Control Management Software®(1)		Night Owl X			
# of Simultaneous Users – Software		3 Users Simultaneously			
		Mobile Platform	Operating System		App
Smart Device Compatibility(3/4/5/6)		iPhone®	iOS® 8.0 or above		Night Owl X
		Android™	Android™ Ver 4.1 or above		Night Owl X
# of Simultaneous Users – Smartphone		3 Users Simultaneously			
System Information					
Languages Supported		English, Spanish, French			
Hard Drive		Pre-installed 1 TB			
Maximum Hard Drive Capacity		4 TB			
NVR Power Supply		DC12V 2A			
Operating Temperature		40°F~110°F			
NVR Dimensions L x W x H (Inches)		10.12" x 8.27" x 1.77"			
Dimension / Weight		2.73 lbs.			

Camera Video / Audio		WCM-PHNVR20W-BU	
Connection Type		AC Powered Wireless	
Resolution		1080p (2MP)	
Lens mm / Viewing Angle		3.6mm@F2.0 / FOV 100 degrees	
3D-DNR		Yes	
WDR		Digital	
IR Cut Filter		Yes	
Backlight Compensation		Auto	
2-Way Audio		Half-Duplex	
Microphone Distance		10 ft.	
Speaker Distance		20 ft.	
PIR Distance		30 ft.	
PIR FOV		110° (Horizontal)	
Length of Night Vision (ft.)		100 ft.	
General			
Weatherproof Rating™		IP-65	
Power Supply		12V DC	
Operating Humidity (%)		Humidity 95% or less (non-condensing)	
Operating Temperatures (F)™		(-22 to 140)F	
Weight (Product Only)(lbs)		1.1	
Dimensions (Product Only) L x W x H (inches)		6.18" x 2.75" x 2.75"	
Power Consumption Per Camera		≤10.0W	
Connection Type		WiFi IEEE 802.11 b/g/n	
Wireless Range		MAX 500 ft. (Line of Sight)	
Signal		H.264	