

SERVER FEATURES:

Color Video	Yes
Image Compression	JPEG
Video Streaming Format	Motion JPEG
Quality Video Resolution	640 x 480, 320 x 240(default), 160 x 120 ¹
Frame Rate	Max. 12 frames/sec (640x 480) Max 30 frames/sec (320 x 240) Max 30 frames/sec (160 x 120)
Authentication	ID/Password authentication (Administrator / General Users (up to 50))
Encryption	IPsec
IPv4/v6	IPv4/v6 Dual Stack
Supported Network Protocols	IPv4: HTTP, FTP, SMTP, TCP, UDP, IP, DHCP, DNS, ARP, ICMP, and POP3 before SMTP
Upgrades	Via Ethernet connection ²
Automatic Network Configuration	Yes, with UPnP supported router
Simultaneous Viewers	30
Image Buffer	About 125 frames (320 x 240) with time display. Expandable using optional SD Card.
Pre-Alarm Image Buffer	Yes
Image Transfer via E-Mail (SMTP) or FTP	Triggered by external sensor, alarm, motion detection and/or timer
Camera Recording	Yes, records data to a web site through FTP or to the hard drive of a local computer.
Max. Bandwidth Control	0.1/0.2/0.3/0.5/1.0/2.0/3.0/5.0Mbps/ unlimited
Free DDNS Compatible (Viewnetcam.com) ³	Yes
Cellular Phone Compatibility	View Snapshot and Control from Compatible Cell Phone
Multiple Camera Views	Yes, cameras can be viewed in three groups of 4 cameras, or 12 cameras on one screen.
Multi-Language Interface	English, German, Spanish, Italian, French and Japanese
Built-in Calendar Timer	Yes
Auto Time Adjustment with NTP	Yes
Time & Day Access Control	Yes
Remote External Output Control	Yes
LED Indicator Control	On/Off or On During Access

CAMERA FEATURES:

Zoom	up to 10x digital zoom
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	<u>(Free firmware upgrade may be required)</u>
Image Sensor	1/4" 320,000 pixel CCD
External Video Input	No
Viewing Angle	53° horizontal 40° vertical
Remote Pan Angle	60° left and right max. (or less based upon user setting)
Remote Tilt Angle	-45° to +20° (or less based upon user setting)
Maximum Pan/Tilt Speed	Pan: 100°/sec Tilt: 100°/sec
Hide-Away Lens	No
Preset Locations	23 preset parameters include Pan, Tilt and White balance (including Home position and 2 alarm positions).
	<u>(Free firmware upgrade may be required)</u>
Click to Center	Yes
Focus	Fixed 1m-infinity
Aperture	(f No.) : F1.8
Illumination	Normal: 3 - 100,000 lx Color Night View: 0.2 - 100,000 lx
White Balance	Auto/Manual/Hold
Adjustments	Brightness, White Balance
Exposure	Auto
Clear Dome Lens Cover	Yes
Video Pass-through	No
AUDIO FEATURES:	
2-Way Audio	Yes (Half Duplex)
CODEC	PCM (64kbps), ADPCM (32kbps), Monaural
Frequency Range	300Hz - 3.4kHz
Input	External Microphone (not included) or audio source using RCA jack.
Output	External Speaker (not included) using stereo mini jack. (output is mono)
Audio Pass-through	No
WIRELESS FEATURES:	
Wireless Technology	IEEE802.11b/g
Frequency	2.4000 - 2.4835 GHz
Number of Channels	11 channels
Transmission Speed	up to 54Mbps
Security	WEP(40/128bit), SSID
INTERFACE FEATURES:	
Network Connection	Ethernet (10Base-T/100Base-X)
External I/O Connector	2 input / 1 output
SD Card Slot for Image Buffer	Yes

Analog Video Output	No
Speaker/Microphone Jack	3.5mm mini-jack
OTHER FEATURES:	
Weatherproof (splash resistant)	Yes, IPx4
Built-in Sensor	Motion Detection (Free firmware upgrade may be required)
Power Over Ethernet Compatibility	PowerDsine (www.powerdsine.com) Power over Ethernet Midspan 3000/6000 Series when used with Splitter PD-401/12-PAN
Multiple Mounting Options	Wall mount, desk/ceiling mount, tripod mount
Operating Temperature	-20°C to +50°C (-4°F to +122°F)
Operating Humidity	20-90% RHG, non-condensing
Power Source	12VDC (120V AC Adaptor included)
Power Consumption	10W
Included Accessories	Flexible stand and screws, AC Adaptor, Sunshade, Connector Cover, Rubber Cap, Putties, Self-Bonding Tape and Setup CD-ROM

PC SYSTEM REQUIREMENTS:

Operating System Requirements	Windows 98SE, NT4.0, 2000, ME and XP (IPv6 : Windows XP only)
Web Browser requirements	Internet Explorer 5.5 or later/Netscape Navigator 4.7 (The network camera image is not displayed correctly in Netscape 6.x)
Dimensions (H x W x D)	3 ¹⁵ / ₁₆ " x 3 ¹⁵ / ₁₆ " x 3 ¹ / ₈ "
Weight	0.78 lbs

Footnotes

- 1 160 x 120 for mobile access only
- 2 Some features listed here may require a free firmware upgrade to activate.
- 3 Viewnetcam.com is a free, optional service that requires registration.