

V1492N-N Series

Integrated High-speed IP PTZ Camera System

Infinova[®]
The Integrator's Manufacturer

Features

- Three simultaneous video streams: Dual H.264 & Scalable M-JPEG
- Up to 4CIF@ H.264/M-JPEG with 30fps@NTSC/25fps@PAL
- ONVIF-compliant
- Motion detection
- Supports multiple ways to handle alarms, such as sending an email, and FTP upload
- Multiple users access and configure parameters via Web Server
- Remote PTZ control
- Up to 254 Presets with labels, 6 programmable Tours, 4 programmable Patterns, 4 Auto-Pan, 1 Auto-Scan
- 16 programmable zones with 16 characters each
- 24 advanced spherical privacy zones
- 16 video blanking sectors
- Wide dynamic range
- Window wiper, built-in heater, window defroster/defogger included
- Operational in 90 mph wind conditions; withstanding wind velocity of up to 130 mph
- IP66 environment rating

Ordering Information

V1492N-36N05	Integrated High-speed IP PTZ Camera System (H.264/M-JPEG Format, NTSC, 36X, 24 VDC)
V1492N-36N06	Integrated High-speed IP PTZ Camera System (H.264/M-JPEG Format, NTSC, 36X, 24 VAC)
V1492N-36N15	Integrated High-speed IP PTZ Camera System (H.264/M-JPEG Format, PAL, 36X, 24 VDC)
V1492N-36N16	Integrated High-speed IP PTZ Camera System (H.264/M-JPEG Format, PAL, 36X, 24 VAC)

Optional Brackets Model

V1662-W1	Wall Mount, 15"
V1662-S1	Pole Side Mount, 15"
V1662-C1	Corner Mount, 15"



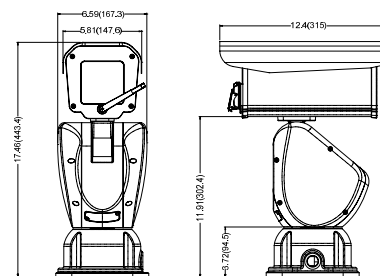
Description

Infinova's V1492N-N Series Integrated High-speed IP PTZ Camera System integrates the decoder, pan/tilt and housing together, as well as an easy-to-install system; it also includes an Integrated Optics Package (IOP). For a wide range of applications, the V1492N-N features a choice of many of mainstream IOP cameras.

A powder-coated, aluminum construction makes the V1492N-N ideal for either indoor or outdoor applications. The system has an absolute operating temperature range of -40°F ~ 140°F (-40°C ~ 60°C). The V1492N-N series are available with an input voltage of 24VAC or with a selectable power source of 24VDC.

With 10/100M Base-T self-adaptive network functions, the V1492N-N series can output H.264/M-JPEG format video and support three video streams. Strong capability of network remote control not only allows the relative software to search network video, but also sets the IP address, subnet mask & gateway of the video server via Internet Explorer, as well as video encoding, e.g., pre-define encoding parameters, data transmission rate, image quality, etc.

Dimensions



Front View

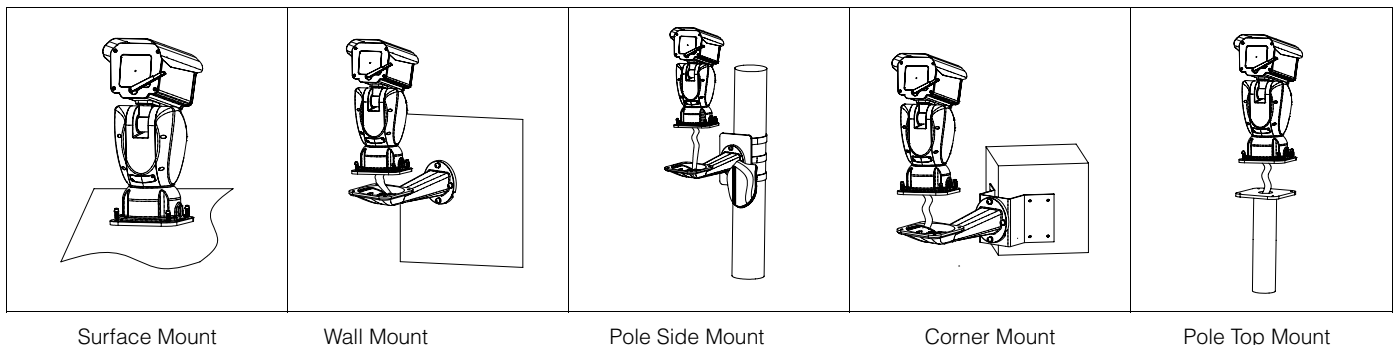
Side View

(Unit: inch, in the parentheses is mm)

Specifications

General	Decoder	INFINOVA, PELCO-P/D
	Programmable Presets	254
	Programmable Tours	6
	Programmable Patterns	4
	Programmable AutoPans	4
	Spherical Privacy Zones	24
	Video Blanking Sectors	16
	Auto Scan	1
	Camera Address	1~254
IP Specification	Video Compression	H.264 / M-JPEG
	Data Rate	Variable bit rate (vbr); Constant bit rate (cbr): 256Kbps~3Mbps
	Frame Rate (maximum)	NTSC: 30fps; PAL: 25fps
	Maximum Resolution	4CIF @H.264/M-JPEG
	Optional Resolution	Major stream: NTSC: 4CIF(704×480)/2CIF(704×240)/ CIF(352×240)/QCIF(176×120); PAL: 4CIF(704×576)/2CIF(704×288)/CIF(352×288)/QCIF(176×144)
		Minor stream: NTSC: CIF(352×240)/QCIF(176×120); PAL: CIF(352×288)/QCIF(176×144)
	Network Connection	1 RJ45 10/100M self-adaptive Ethernet port
	Network Protocols	TCP/IP, HTTP, ICMP, IGMP, UDP, SMTP, RTP, RTSP, SNMP, ARP
Motion Detection	4 areas	
Mechanical	Preset Speed	Pan: Maximum 100°/s; Tilt: Maximum 30°/s
	Variable Pan/Tilt Speed	Pan: 0.1°~50°/s; Tilt: 0.1°~25°/s
	Pan rotation angle	360°
	Tilt rotation angle	+40°~-90°
Electrical	Input Voltage	24VAC or 24VDC
	Power Consumption	24VAC: 53W (w/ heater); 24VDC: 51W (w/ heater)
	Heater	Thermostatically controlled; Turns on at 50°F ± 9°F (10°C ± 5°C); Turns off at 86°F ± 9° F (30°C ± 5°C)
Physical	Construction	Die-cast, extruded and sheet aluminum; stainless steel hardware
	Load	Pan: 22 lbs. (10 kg); Tilt: 7.7 lbs. (3.5 kg)
	Protection Rating	IP66
	Mounting Method	Desktop, wall, pole side, corner, pole top
	Box Dimension (L×W×H)	22.99"×16.81"×10" (584mm×427mm×254mm)
	Product Weight	21.61 lbs (9.8kg)
	Shipping Weight	31.31 lbs (14.2kg)
Environmental	Pressure	≤1.5MPa
	Operating Temperature	-40°F~140°F (-40°C ~60°C)
	Operating Humidity	0~90%RH (non-condensing)
Certifications	CE/EMC: EN 55022, EN 55024, EN 61000-3-2, EN 61000-3-3,(Certificate No: BCT09LC-1314E); FCC: Part15 Subpart B (Certificate No: BCT09LC-1321E); UL E232008; ISO 9001:2008	

Mounting



Camera Parameters

Optic Zoom	36X
Video Type	PAL/NTSC (D/N)
Scanning System	2:1 Interlace scanning
Image Sensor	1/4" Interlace scanning CCD
Analog Video Resolution	PAL/440K: 752(H) x 582 (V) NTSC/380K: 768 (H) x 494 (V)
Aperture/Focal Length	F1.6 ~ F 4.5; f=3.4~122.4mm
Angle of View	57.8° (Wide) / 1.7° (Tele)
Min. Working Distance	0.32m (Wide) ~ 1.5m (Tele)
Sensitivity	Color mode: 0.66 lux @F1.6 (30 IRE, PAL: 1/50s, NTSC: 1/60s) 0.01 lux @F1.6 (30 IRE, PAL: 1/3s, NTSC: 1/4s) B/W mode: 0.01 lux @F1.6 (30 IRE, PAL: 1/3s, NTSC:1/4s)
Horizontal	550TVL
S/N Ratio	>50dB
Video Output	1.0 ± 0.2 Vp-p
Backlight Compensation	Off/On
Sync System	Internal/External
WDR	Off/On
Digital Zoom	1~12X adjustable
DSS	Yes
Focus	M/A / AUTO / MANU
White Balance	AUTO/MANU/ATW/INDOOR/OUTDOOR
Shutter Speed	Auto: Default Set Manual: PAL: 1/3~1/10000s NTSC: 1/4~1/10000s
Iris	M/A / AUTO / MANU