

Indoor/Outdoor high-speed IP PTZ camera system with IOP and multi-protocol capabilities



DESCRIPTION

Infinova's V1492N series integrated high-speed IP PTZ camera system integrates the decoder, pan/tilt and housing together creating an easy-to-install system. The V1492N series camera also includes an Integrated Optics Package (IOP). For a wide range of applications, the V1492N series cameras feature a choice of many of mainstream IOP cameras (such as SONY).

A powder-coated, aluminum construction makes the V1492N series cameras ideal for either indoor or outdoor applications. The system has an absolute operating temperature range of -22°F ~ 140°F (-30°C ~ 60°C). The V1492N series include a window wiper. The wiper is completely integrated into the enclosure and does not interfere with the viewing range of the system.

With 10/100M Base-T self-adaptive network functions, the V1492N series can output MPEG-4 format video. Strong capability of network remote control not only allows the relative software to search network video, but encoding 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.

ORDERING INFORMATION

V1492N-18L05	Integrated High-speed IP PTZ Camera System (MPEG-4 Format, NTSC, 18X, 24 VDC)
V1492N-18L06	Integrated High-speed IP PTZ Camera System (MPEG-4 Format, NTSC, 18X, 24 VAC)
V1492N-18L07	Integrated High-speed IP PTZ Camera System (MPEG-4 Format, NTSC, 18X, 120 VAC)
V1492N-18L15	Integrated High-speed IP PTZ Camera System (MPEG-4 Format, PAL, 18X, 24 VDC)
V1492N-18L16	Integrated High-speed IP PTZ Camera System (MPEG-4 Format, PAL, 18X, 24 VAC)
V1492N-18L18	Integrated High-speed IP PTZ Camera System (MPEG-4 Format, PAL, 18X, 230 VAC)
V1492N-26L05	Integrated High-speed IP PTZ Camera System (MPEG-4 Format, NTSC, 26X, 24 VDC)
V1492N-26L06	Integrated High-speed IP PTZ Camera System (MPEG-4 Format, NTSC, 26X, 24 VAC)
V1492N-26L07	Integrated High-speed IP PTZ Camera System (MPEG-4 Format, NTSC, 26X, 120 VAC)
V1492N-26L15	Integrated High-speed IP PTZ Camera System (MPEG-4 Format, PAL, 26X, 24 VDC)
V1492N-26L16	Integrated High-speed IP PTZ Camera System (MPEG-4 Format, PAL, 26X, 24 VAC)
V1492N-26L18	Integrated High-speed IP PTZ Camera System (MPEG-4 Format, PAL, 26X, 230 VAC)
V1492N-36L05	Integrated High-speed IP PTZ Camera System (MPEG-4 Format, NTSC, 36X, 24 VDC)
V1492N-36L06	Integrated High-speed IP PTZ Camera System (MPEG-4 Format, NTSC, 36X, 24 VAC)
V1492N-36L07	Integrated High-speed IP PTZ Camera System (MPEG-4 Format, NTSC, 36X, 120 VAC)
V1492N-36L15	Integrated High-speed IP PTZ Camera System (MPEG-4 Format, PAL, 36X, 24 VDC)
V1492N-36L16	Integrated High-speed IP PTZ Camera System (MPEG-4 Format, PAL, 36X, 24 VAC)
V1492N-36L18	Integrated High-speed IP PTZ Camera System (MPEG-4 Format, PAL, 36X, 230 VAC)

Recommended Installation Mounts

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

FEATURES

- SONY cameras
- High strength aluminum alloy, high temperature resistance, anti-corruption
- Integrated with INFINOVA, PELCO-P/D protocol (Autosensing)
- Set address and baud rate via software or DIP switch
- 254 selectable addresses
- Up to 254 presets with labels
- 6 programmable tours
- 4 programmable patterns
- 4 Auto-Pan
- 1 Auto-Scan
- Automatically home position
- Alarm function
- Direction display function
- 16 programmable zones with 16 characters each
- One kind of privacy masking mode to mask private scene
- 18X, 26X and 36X optic zoom available
- Wide dynamic range on the 36X models
- Window wiper, built-in heater, window defroster/defogger included
- Network video transmission and network control function
- MPEG-4 coding method, real time transmission video image
- View and control cameras via Web Server or V2216 software by multiple users
- Password protection
- Manually IP address set up
- Support Dynamic I/P Frame Ratio, dynamic quality and compression rate adjustment (via network)
- Snapshot function
- Controllable Digital Focus (Digital Zoom)
- Remote Software Updating through the network
- Operational in 90 mph wind conditions; withstanding wind velocity of up to 130 mph
- Multi-mounting methods (indoor or outdoor)



SPECIFICATIONS

General

Decoder:	INFINOVA, PELCO-P/D
Maximum Presets:	254
Tour:	6
Pattern:	4
AutoPan:	4
AutoScan:	1
Alarm Inputs:	2
Relay Output:	1

Video

Video Coding:	MPEG-4
Resolution Mode:	D1/ 2CIF/ CIF/ QCIF
Image Resolution:	
NTSC:	720×480, 704×240, 352×240, 176×120
PAL:	720×576, 704×288, 352×288, 176×144
Frame Rate (maximum):	
NTSC:	720×480, 30 fps / 720×240, 60 fps (Interlace scanning)
PAL:	720×576, 25 fps / 720×288, 50 fps (Interlace scanning)

Network

Ethernet Port:	10/100M Base-T self-adaptive, RJ45
Ethernet Protocol:	TCP/IP, DHCP, HTTP, SNMP, ICMP

Preset Speed

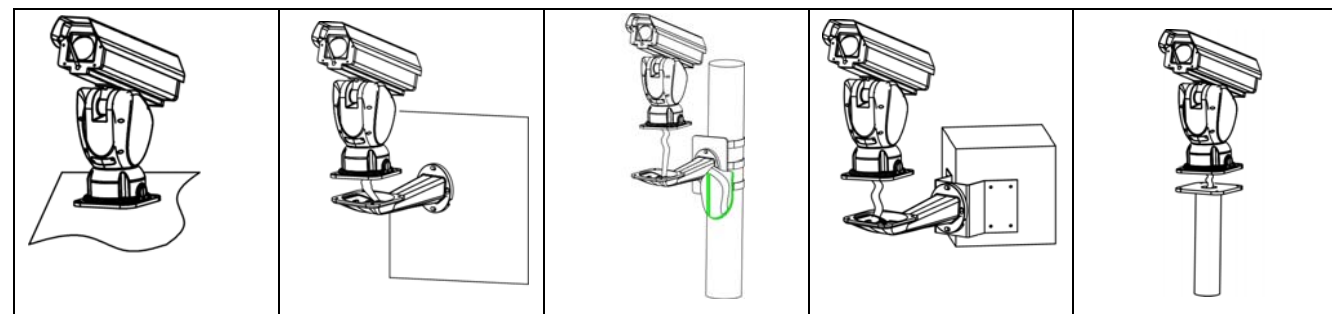
Pan:	Maximum 100°/sec.
Tilt:	Maximum 30°/sec.
Pan Rotation Angle:	360°
Tilt Rotation Angle:	+40° ~ -90°
Construction:	Die-cast, extruded and sheet aluminum; stainless steel hardware
Weight:	21 lbs. (9.5 kg)
Load:	33 lbs. (15 kg)
Environmental Rating:	IP66
Mounting Method:	Desktop, wall, pole side, corner, pole top

Mechanical

Variable Pan/Tilt Speed

Pan:	0.1°~50°/sec.
Tilt:	0.1°~25°/sec.

MOUNTING



Desktop Mounting

Wall Mounting

Pole Side Mounting

Corner Mounting

Pole Top Mounting

Electrical

Input Voltage:	24 VDC / 24 VAC / 120 VAC / 230 VAC
Electrical Connection:	
RS-422/RS-485:	2-wire cable used for control of Pan/Tilt/Zoom
Power:	3-wire cable used for power input
Video output:	1.0 Vp-p composite, 75 Ohm, BNC connector

Environmental

Environment Air Pressure:	≤ 1.5 Mpa
Operation:	-22° F ~ 140° F (-30° C ~ 60° C)
Humidity:	≤ 95% RH (non-condensing)

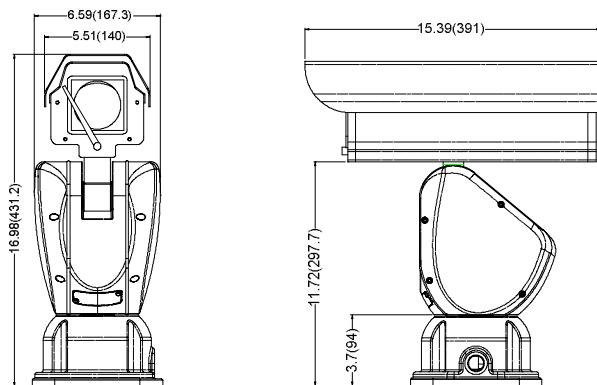
Auto Temperature Control

Heater:	Turns on at 46° F ± 9° F (8° C ± 5° C) Turns off at 68° F ± 9° F (20° C ± 5° C)
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Compliance

ISO 9001:2000	FCC, CE
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DIMENSIONS (Unit: inch, in the parentheses is mm)



Front View

Side View



CAMERA/OPTICS

Pan/tilt Model	V1492N-18L	V1492N-26L	V1492N-36L
Optic Zoom	18X	26X	36X
Video Type	PAL/NTSC (Color)	PAL/NTSC (D/N)	PAL/NTSC (D/N)
Scanning System	2:1 Interlace scanning		
Image Sensor	1/4" Interlace scanning CCD		
Effective Pixels	PAL/440K: 752 (H) × 582 (V) NTSC/380K: 768 (H) × 494 (V)	PAL/440K: 752 (H) × 582 (V) NTSC/380K: 768 (H) × 494 (V)	PAL/440K: 752(H) × 582 (V) NTSC/380K: 768 (H) × 494 (V)
Aperture/Focal Length	F1.4 ~ F3.0 f =4.1 ~ 73.8 mm	F1.6 ~ F3.8 f=3.5 ~ 91 mm	F1.6 ~ 4.5 f=3.4~122.4mm
Angle of View	48° (Wide) / 2.8° (Tele)	54.2° (Wide) / 2.2° (Tele)	57.8° (Wide) / 1.7° (Tele)
Min. Working Distance	0.29 m (Wide) ~ 0.8 m (Tele)	0.32 m (Wide) ~ 1.5 m (Tele)	0.32 m (Wide) ~ 1.5 m (Tele)
Sensitivity	1.0 lux (PAL: 1/50s,NTSC: 1/60s)	Color Mode (IR-Cut On): 1 lux (NTSC: 1/60s, PAL: 1/50s) 0.07 lux (NTSC: 1/4s, PAL: 1/3s) B/W Mode (IR-Cut Off): 0.15 lux (NTSC: 1/60s, PAL: 1/50s) 0.01 lux (NTSC: 1/4s, PAL: 1/3s)	Color Mode (IR-Cut On): 1.4 lux (NTSC: 1/60s, PAL: 1/50s) 0.1Lux (NTSC: 1/4s, PAL: 1/3s) B/W Mode (IR-Cut Off): 0.01 lux (NTSC: 1/4s, PAL: 1/3s)
Resolution	480 TVL		530 TVL
S/N Ratio	>50 dB		
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	No	Yes	Yes
Focus	Auto/Manual (Near - Far)		
White Balance	Auto/Manual		
Shutter Speed	Auto: default set Manual: PAL: 1/50 ~ 1/10000s NTSC: 1/60 ~ 1/10000s	Auto: default set Manual: PAL: 1/1 ~ 1/10000s NTSC: 1/1 ~ 1/10000s	Auto: Default Set Manual: PAL: 1/1~1/10000s NTSC: 1/1~1/10000s
Iris	Auto/Manual		

