

V6643-N Series

Vandal Resistant Fixed WDR Color IP Minidome Camera

Infinova
The Integrator's Manufacturer

Features

- 1/3" PIXIM DPS (Digital Pixel System)
- 120dB super wide dynamic range
- Three Simultaneous Video Streams: Dual H.264 & Scalable M-JPEG
- Up to 4CIF@ H.264/M-JPEG with 30fps@NTSC/25fps@PAL
- Privacy mask
- Motion detection
- ONVIF-compliant
- Supports multiple ways to handle alarms, such as sending an email and FTP upload
- Multiple users access and configure parameters via Web Server
- Aspherical, auto-iris, vari-focal lens with IR correction
- IP66 environmental rating



Surface mount



Bracket mount

Ordering Information

V6643-N3024SE	IP minidome camera, Vandal-resistant, 3-axis, w/ Heater&Blower, 1/3 inch Pixim CMOS sensor, WDR, Color only, H.264/M-JPEG, 520TVL, NTSC/PAL, 12VDC/24VAC, Surface mount, 3.3-12mm vari-focal lens
V6643-N3024PE	IP minidome camera, Vandal-resistant, 3-axis, w/ Heater&Blower, 1/3 inch Pixim CMOS sensor, WDR, Color only, H.264/M-JPEG, 520TVL, NTSC/PAL, 12VDC/24VAC, Bracket mount, 3.3-12mm vari-focal lens

ACCESSORIES

Power Supplies

N3922-24A-1	Power Supply, 24VAC, 50VA, Plug-In, 120VAC
N3922-24A-2	Power Supply, 24VAC, 50VA, Plug-In, 230VAC
N3928 Series	Power Supply, 24VAC with 4, 8 or 16 Outputs

Mounts for bracket mount model

V1761MS	Wall Mount, 6 inch
V1762MS	Corner Mount (contain adapter), 6 inch
V1763MS	Pole Mount (contain adapter), 6 inch
V1764A	Pendent Mount, Outdoor, 15 inch long, vertical (cable dragged out from side)
V1764B	Pendent Mount, Outdoor, 15 inch long, vertical (cable dragged out from top)

For detailed information, please refer to V1760 series Mounts.

Description

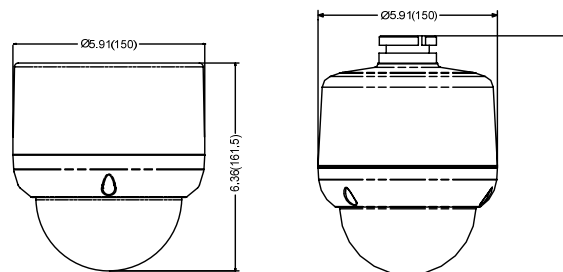
Infinova's V6643-N series WDR color IP minidome camera employs DPS (Digital Pixel System) image processing system, providing 120dB super wide dynamic image impression via multiple sampling the light of each pixel. In addition, compared with CCD camera, the WDR camera also features higher S/N Ratio, superior color rendering and more natural image quality.

V6643-N series WDR IP minidome camera supports H.264 and M-JPEG compression formats, available with three simultaneous video streams. This unique design allows users to live view and record the desired videos flexibly based on the network transmission volume and saves the cost for storage.

V6643-N series complies with ONVIF (Open Network Video Interface Forum) specification, which ensures high compatibility among various network video products, providing cost-efficient, flexible and reliable solutions.

V6643-N series employs vandal resistant dome housing, making it the ideal choice for the hazardous surveillance environments.

Dimensions



Surface mount

Bracket mount

(Unit: inch, in the parentheses is mm)

Specifications

Model	V6643-N
Image Sensor	1/3" PIXIM DPS (Digital Pixel System)
S/N Ratio	52dB
Sensitivity	0.5 lux @F1.2 (30 IRE, AGC Maximum), 0.3 lux @F1.2 (30 IRE, AGC Maximum, 32X)
Auto Electronic Shutter	NTSC: 1/60~1/100,000s, PAL: 1/50~1/100,000s
Lens	F1.4, f=3.3-12mm
Camera Angle Adjustment	X (Panning): 0°~340°; Y (Tilting): 0°~80°; Z (Rotating): 0°~340°
Video Format	NTSC/PAL
OSD	Yes
Privacy Mask	OSD menu control, 12 programmable privacy masks
Auto Gain Control	OSD menu control, High / Medium / Low / Manual setup
Backlight Compensation	ON/OFF
Digital Slow Shutter	32X, 16X, 8X, 4X, 2X
White Balance	ATW / AWB / MWB
Color Temperature Range	2000K~11000K
Gamma Calibration	0.45
Sync. System	Internal
Digital Zoom	4X
Video Compression	H.264 / M-JPEG
Frame Rate (maximum)	NTSC: 30 fps; PAL: 25 fps
Data Rate	Variable bit rate (vbr); Constant bit rate (cbr): 256Kbps~3Mbps
Maximum Resolution	4CIF @H.264/M-JPEG
Optional Resolutions	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)
Motion Detection	4 areas
Password Protection	Available
Network Port	1 RJ45 10/100M self-adaptive Ethernet port
Applicable Protocols	TCP/IP, HTTP, ICMP, UDP, SMTP, RTP, RTSP, SNMP, ARP, IGMP
Upgrade Online	Available
Power Supply	12VDC/24VAC
Operating Temperature	-40° F ~ 122° F (-40° C ~ 50° C)
Storage Temperature	-4° F ~ 140° F (-20° C ~ 60° C)
Power Consumption	12VDC: 9W (w/ heater); 24VAC: 22W (w/ heater)
Operating Humidity	0~90% RH (non-condensing)
Unit Dimensions (H×Ø)	Surface: 6.36"×5.91" (161.5mm×150mm); Bracket: 7.89"×5.91" (200.5mm×150mm)
Box Dimensions (L×W×H)	8.66"×8.66"×11.22" (220mm×220mm×285mm)
Unit Weight	Surface: 3.40lbs. (1.54 kg); Bracket: 3.20 lbs. (1.45 kg)
Shipping Weight	Surface: 4.50 lbs. (2.04 kg); Bracket: 4.70 lbs. (2.13 kg)
Certifications	CE/EMC: EN 55022, EN 55024, EN 61000-3-2, EN 61000-3-3, (Certificate No.: BCT11CC-0294E); FCC: Part 15 Subpart B (Certificate No.: BCT11CC-0295E); ISO 9001: 2008