

V5623-A3 Series

Vandal Resistant WDR Color Fixed Minidome Camera

Infinova
The Integrator's Manufacturer



Features

- 1/3" PIXIM DPS (Digital Pixel System)
- Aspherical, auto-iris, vari-focal lens with IR correction
- Resolution: 520 TVL
- NTSC/PAL format selectable
- Superior color rendering, anti-blooming
- 120dB super wide dynamic range
- OSD with menu button
- AGC menu modulation
- Motion detection
- Privacy Mask
- 4X digital zoom
- Image mirror
- Surface, Bracket or Recessed Mount, Vandal Resistant, 3-axis adjustment



Surface mount



Bracket mount



Recessed mount

Ordering Information

V5623-A3024SE	Analog minidome camera, Vandal-resistant, 3-axis, 1/3 inch Pixim CMOS sensor, WDR, Color only, 520TVL, NTSC/PAL, 12VDC/24VAC, Surface mount, 3.3-12mm vari-focal lens
V5623-A3024PE	Analog minidome camera, Vandal-resistant, 3-axis, 1/3 inch Pixim CMOS sensor, WDR, Color only, 520TVL, NTSC/PAL, 12VDC/24VAC, Bracket mount, 3.3-12mm vari-focal lens
V5623-A3024RE	Analog minidome camera, Vandal-resistant, 3-axis, 1/3 inch Pixim CMOS sensor, WDR, Color only, 520TVL, NTSC/PAL, 12VDC/24VAC, Recessed ceiling mount, 3.3-12mm vari-focal lens

Note: Under indoor fluorescent lamp illumination, 24 VAC power input is recommended.

ACCESSORIES

Power Supplies

N3921-24A-1	Power Supply, 24VAC, 20VA, Plug-In, 120VAC
N3921-24A-2	Power Supply, 24VAC, 20VA, 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
V1764	Pendent Mount, Indoor, 15 inch long, vertical

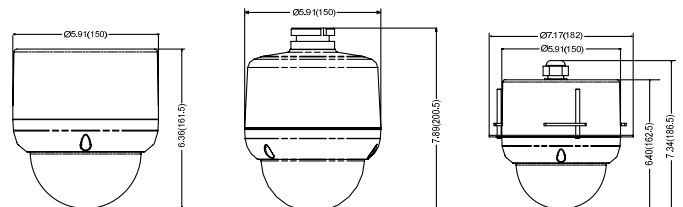
For detailed information, please refer to V1760 series Mounts.

Description

Infinova's V5623-A3 series vandal resistant WDR color fixed minidome cameras employ PIXIM DPS (Digital Pixel System) image sensor, providing maximum 120dB super wide dynamic image impression via multiple sampling the light of each pixel. In addition, compared with CCD camera, the WDR cameras also feature higher S/N Ratio, superior color rendering and more natural image quality.

V5623-A3 series employ vandal resistant dome housing, making them the ideal choice for the hazardous surveillance environments. The cameras provide easy installation, designed for surface, bracket or recessed mount with 3-axis adjustment.

Dimensions



Surface mount

Bracket mount

Recessed mount

(Unit: inch, in the parentheses is mm)

Specifications

Model	V5623-A3
Image Sensor	1/3" PIXIM DPS (Digital Pixel System)
Effective Pixels (H x V)	720 x 540
Wide Dynamic Range	Standard 102 dB, Maximum 120 dB (17 bit)
Sensitivity	0.5 lux @ F1.2 (30 IRE, AGC Maximum) 0.3 lux @ F1.2 (30 IRE, AGC Maximum, 32X)
Resolution	520 TVL
S/N Ratio	> 52 dB (AGC OFF)
OSD	Available
Lens	F1.4, f=3.3-12mm
Camera Angle Adjustment	X (Panning): 0°~340°; Y (Tilting): 0°~80°; Z (Rotating): 0°~340°
Auto Gain Control	OSD menu control, High / Medium / Low / Manual setup
Backlight Compensation	ON/OFF
Auto Electronic Shutter	NTSC: 1/60~1/100,000s, PAL: 1/50~1/100,000s
Digital Slow Shutter	32X, 16X, 8X, 4X, 2X
White Balance	ATW / AWB / MWB
Color Temperature Range	2000K~11000K
Gamma Correction	0.45
Sync. System	Internal / Line Lock
Digital Zoom	4X
Motion Detection	Available
Privacy Mask	12 programmable privacy masks
Video Output	1.0 Vp-p (75 Ohm), BNC connector
Power Supply	12VDC/24VAC
Power Consumption	12 VDC: 2.6 W; 24 VAC: 3 W
Operating Temperature	14° F ~ 122° F (-10° C ~ 50° C)
Storage Temperature	-4° F ~ 140° F (-20° C ~ 60° C)
Operating Humidity	0~90% RH (non-condensing)
Unit Dimensions (HxØ)	Surface: 6.36"x5.91" (161.5mmx150mm); Bracket: 7.89"x5.91" (200.5mmx150mm); Recessed: 6.40"x7.17" (162.5mmx182mm)
Box Dimensions (LxWxH)	8.66"x8.66"x11.22"(220mmx220mmx285mm)
Unit Weight	Surface: 3.02 lbs. (1.37 kg); Bracket: 2.82 lbs. (1.28 kg); Recessed: 3.48 lbs. (1.58 kg)
Shipping Weight	Surface: 4.34 lbs. (1.97 kg); Bracket: 4.14 lbs. (1.88 kg); Recessed: 4.81 lbs. (2.18 kg)
Certifications	CE/EMC: EN 55022, EN 55024, EN 61000-3-2, EN 61000-3-3, (Certificate No.: BCT10LC-2147E); FCC: Part 15 Subpart B (Certificate No.: BCT10LC-2148E); ISO 9001: 2008