

Features

- Indoor/Outdoor Surface or Flush Mount
- Built to IP66, impact protection >IK10+
- White Polycarbonate Exterior with Impact and Scratch Resistant Optically Correct Clear Polycarbonate Bubble
- 3/4" NPT (25mm) Standard Conduit Entry on Rear and 1/2" NPT (20mm) Conduit Entry on Side
- 12VDC/24VAC Power Supply Convertor for the Camera
- 3-Axis gimbal
- Day Mode: 540 TVL
- Night Mode: 570 TVL (Software Day/Night only)
- 1/3" Format CCD
- 0.65 Lux @ F1.2
- User Configurable LL, BLC, AGC, AWB, Flickerless, SDN
- Lens 2.9~10mm or 9~22mm

Order Codes

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|--------|--|
| Vi-C5 | 135mm Indoor/Outdoor Vandal Dome, 2.9~10mm, White, Clear |
| Vi-C5T | 75mm Indoor/Outdoor Vandal Dome, 9~22mm, White, Clear |

Accessories

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|-----------|-------------------------------|
| Vi-C5/QIP | Quick Install Kit |
| Vi-C5/SVC | Service cable |
| Vi-C5/UTP | Twisted pair transmission kit |

Overview

Designed in surface and flush mount, the compact Vi-C5 series provides outstanding performance operating in the most challenging environments. Suitable for indoor and outdoor installations, the Vi-C5 series integrates a robust polycarbonate exterior rated IP66 with a high impact and scratch resistant hemisphere. The housing integrates HQ1 DSP camera modules delivering 540 TV Lines and available with a choice of 2.9~10mm and 9~22mm lenses.

Technical Data

General

Image size 1/3 Format Interline CCD Sensor
 Pixel Element PAL 752H x 582V, 430K pixels
 NTSC 768H x 494V, 380K pixels
 Scanning Frequency PAL 2:1 Interlace/ H: 15625, V: 50Hz
 NTSC 2:1 Interlace / H: 15750Hz, V : 59.94Hz
 Operation Temperature -20°C ~ +50°C
 Storage Temperature -30°C~ +60°C
 Power Source DC12V +/- 15% (supplied from housing)
 Power Consumption 4.2W max.
 Lens Mount Direct Mount
 External Dimensions 80mm(D) x 80(W) x 75mm(L)
 Weight 150g
 Certification Standard CE / FCC#

Functional

Exposure Control DC Auto Iris Drive
 BLC Centre Area for Auto Iris
 White Balance Auto White Balance
 Auto White Balance Range AWB 2700K ~ 11000K
 AWB-EX 2000K ~ 18000K
 Day & Night Software Day Night
 Colour Killer Auto Detect
 AGC Boost Enhance AGC Gain to max. 30dB
 Line Lock Phase adjust Range 0° ~ 270°
 Line Lock Frequency Range 50Hz ±1Hz

Video

Resolution Normal Mode 540 TV Lines
 S-D/N Mode 570 TV Lines
 Minimum Illumination 0.65 lux @ F=1.2
 (50 IRE Video Output)
 Video Output 1.0Vpp 750hm BNC unbalanced
 S/N Ratio 50dB
 AGC Turbo Gain 30dB
 AGC Preset Gain 26dB
 H Aperture 10 IRE (r 0.45 100IRE Video Output)
 V Aperture 10 IRE (r 0.45 100IRE Video Output)
 Gamma Compensation 0.45

Lens 2.9-10mm

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|-------------------------|---------------------------|
| Mounting Type | Ø 14 direct mount |
| Type of Focal | Varifocal |
| Type of Iris | DC Drive Auto-Iris |
| Focal Length | 2.9~10mm |
| Iris | F1.2 ~ 360 |
| | Diagonal: 125.0°~ 36.0° |
| | Horizontal: 94.6° ~ 28.8° |
| | Vertical: 68.4° ~ 21.6° |
| Minimum Object Distance | 0.15m |
| Dimensions | Ø29 X 39 x (40.7)mm |
| Lens | Aspherical |

Lens 9-22mm

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|-------------------------|-------------------------|
| Mounting Type | Ø 14 direct mount |
| Type of Focal | Varifocal |
| Type of Iris | DC Drive Auto-Iris |
| Focal Length | 9~22mm |
| Iris | F1.4 ~ 360 |
| | Diagonal: 41.9°~16.3° |
| | Horizontal: 32.1°~13.1° |
| | Vertical: 23.3°~9.8° |
| Minimum Object Distance | 1m |
| Dimensions | Ø29.2 X 40.2 x (40.5)mm |
| Lens | Aspherical |

Mechanical

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|--------------------|-----------------------------|
| Material Body | Polycarbonate |
| Bubble | Polycarbonate |
| Dimensions | Base Diameter: 136mm; 5.35" |
| Recessing Diameter | 112mm; 4.5" |
| Total Depth | 92mm; 3.5" |
| Mass | 0.9kg; 2lb |
| Finishes | White RAL 9010 |
| Bubble Thickness | 2.5 mm Polycarbonate |

Environmental

Integrity Weatherproof, IP66, UV Stable Material
 Impact Protection Rating Exceeding IK10+ (40J)
 Operating Temperature -20°C ~ 50°C
 Storage Temperature -30°C ~ 60°C

Electrical

Voltage 12 V DC/ 24 V AC
 Power 3.5 Watts
 Current 285mA (12V DC)

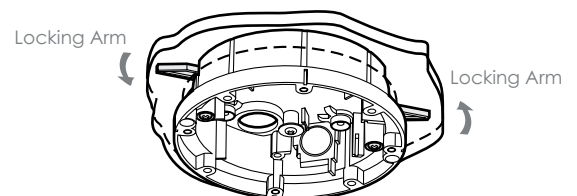
Connectivity

Video BNC connector on lead
 Power DC Jack plug (2.1mm)

Features

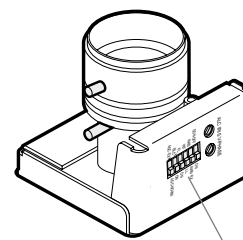
Video BNC connector on lead
 Power DC Jack plug (2.1mm)

Flush Mounting



Flush mount made easy with the extending locking arms

DIP Switches



DIP switch adjustments