

# Four-channel Basic Night Color (VU-MORE Color) Video Doorbell Security System

Three (3) 4MP Eyeball Network Cameras, One (1) WiFi Video Doorbell, One (1) 4-channel 4K NVR

VU-MORE



## Wiz Sense

## System Overview

The Dahua Video Doorbell Network Security System provides all the components to quickly install, configure, and employ a complete video security solution. The WiFi video doorbell offers 5MP video and two-way communication, the IP cameras offer the clarity of 4MP video, and the NVR offers built-in motion detection algorithms, alarm triggers, and customized recording modes. The doorbell and network cameras connect easily to the NVR for total system recording. In addition, the Video Doorbell and the NVR are compatible with the Dahua DMSS mobile application to view live video, configure and acknowledge alarms, and share video with authorized users.

### **Functions**

### Basic Night Color (VU-MORE Color) Technology

Dahua's Basic Night Color (VU-MORE Color) cameras offer multiple features such as motion detection and Smart Dual Illumination to provide deterrence, overtness, and full-color video in low-light scenes. These cameras are designed to reduce light pollution by only turning on the white-light LEDs for full color images when human motion is detected.

#### Smart Dual Illumination

The camera offers both IR and white-light illuminators and intelligently employs each depending on the situation. The camera enters the IR mode as ambient light decreases. When the camera detects an object entering the monitoring area, it activates the white-light illuminator to capture full-color details. Once the object leaves the area, the camera switches back to IR illumination.

#### WiFi Doorbell

The 5MP WiFi Video Doorbell is a component of the Dahua LincX2PRO residential series. The doorbell offers specialized motion detection that distinguishes humans from other objects, and transmits video and audio to a mobile device for remote visual confirmation and communication with visitors.

#### Perimeter Protection

Dahua Analytics+ includes Tripwire and Intrusion functions that offer custom tripwires based on object type for automation in limited access areas. Perimeter Protection requires less pixels to detect an object to deliver improved accuracy and decreased false alarms due to lights, weather, trees, or animals.

#### 4MP Network Cameras

- 1/3-in. 4MP Progressive-scan CMOS Sensor
- 4MP at 20 fps Maximum Resolution, 2.8 mm Fixed Lens
- Analytics+ Function: Perimeter Protection, Smart Motion Detection+
- Smart Dual Illumination IR and White Light
- Basic Night Color Technology for Extreme Low-light Conditions

#### 5MP WiFi Video Doorbell

- 1/2.7-in. 5MP Progressive-scan CMOS Sensor
- Dual-band WiFi, IEEE802.11a/b/g/n/ac, 2.4 GHz and 5 GHz options
- H.265 and H.264 Dual Video Compression
- 2560 x 1920 at 15 fps Maximum Resolution

#### 4K Network Video Recorder

- 2 TB Pre-installed Hard Disk Drive
- Supports Remote Configuration and Management of Network Cameras
- Smart H.265+ and Smart H.264+ Dual Codec
- Maximum 80 Mbps Recording Bandwidth

#### Smart Motion Detection+

Smart Motion Detection, a component of Dahua's Analytics+ technology, improves alarm accuracy and decreases the number of false alarms. The advanced SMD algorithm analyzes a scene for human or vehicle motion, while filtering out other motion due to trees, leaves, animals, weather, and triggers an alarm when detected.

#### Flexible Recording

The NVR offers a variety of configurable recording options and schedules that saves disk space and active monitoring time. The NVR monitors incoming video and can be programmed to record if motion is detected or if an alarm is triggered. The NVR can also be programmed to record on a schedule or at different intervals. The recording options and schedules can be set for each individual camera or copied to all cameras.

#### Smart H.265+ and Smart H.264+

Smart H.265+ is the optimized implementation of the H.265 codec that uses a scene-adaptive encoding strategy, dynamic GOP, dynamic ROI, flexible multi-frame reference structure and intelligent noise reduction to deliver high-quality video without straining the network. Smart H.265+ technology reduces bit rate and storage requirements by up to 70% when compared to standard H.265 video compression.

Delivering high quality video without straining the network, Smart H.264+ is the optimized implementation of H.264. The Smart H.264+ encoding platform includes a scene adaptive encoding strategy, dynamic GOP, dynamic ROI, flexible multi-frame reference structure and intelligent noise reduction, providing a savings of up to 70% of bandwidth and storage when compared with standard H.264.

#### Environmental

With a temperature range of  $-40^{\circ}$  C to  $+60^{\circ}$  C ( $-40^{\circ}$  F to  $+140^{\circ}$  F), the cameras are designed for extreme temperature environments. The cameras, subjected to rigorous dust and water immersion tests, are certified to the IP67 rating making them suitable for demanding outdoor applications.

The NVR features an operating temperature of-10° C to +55° C (+14° F to +131° F).

## **Technical Specification**

## N42DJS2 4MP VU-MORE Color Eyeball Network Camera

## Camera

Audio

Built-in Microphone

Audio Compression

Yes

G.711a, G.711Mu, PCM, G.726

| Camera  |             |  |   |                  |                                 |                     |
|---|-------------|--|---|------------------|---------------------------------|---------------------|
| Image Sensor  |             | 1/3-in. CMO  | 1/3-in. CMOS  |                  |                                 |                     |
| Effective Pixels  |             | 2688 (H) × 1   | 520 (\  | V), 4MP          |                                 |                     |
| Scanning System   |             | Progressive  |   |                  |                                 |                     |
| RAM/ROM   |             | 128 MB/128   | MB  |                  |                                 |                     |
| Electronic Shutte   | er Speed    | Auto, Manua  | al, 1/3   | 8 s to 1/2       | L00,000 s                       |                     |
| Minimum Illumin   | nation      | 0.008 lux at l<br>0.0008 lux at<br>0 lux (Illumin                    | t F1.6  | (B/W, 3          |                                 |                     |
| S/N Ratio   |             | > 56 dB  |   |                  |                                 |                     |
| IR Distance   |             | 30 m (98.43  | ft) (IR   | R), 15 m         | (49.21 ft) (Wa                  | rm light)           |
| IR On/Off Contro  | ol          | Auto, Manua  | al  |                  |                                 |                     |
| Illuminators  |             | One (1) IR LE  | D, Or   | ne (1) W         | arm Light                       |                     |
| Lens  |             |  |   |                  |                                 |                     |
| Lens Type   |             | Fixed-focal  |   |                  |                                 |                     |
| Iris Type   |             | Fixed  |   |                  |                                 |                     |
| Mount Type  |             | M12  |   |                  |                                 |                     |
| Focal Length  |             | 2.8 mm   |   |                  |                                 |                     |
| Maximum Aperto  | ure         | F1.6   |   |                  |                                 |                     |
|   |             | Horizontal   |   | 95°              |                                 |                     |
| Angle of View   |             | Vertical   |   | 52°              |                                 |                     |
|   |             | Diagonal   |   | 114°             |                                 |                     |
| Close Focus Dista   | ance        | 0.9 m (2.95 f  | t)  |                  |                                 |                     |
|   |             | Detect   | Ob  | serve            | Recognize                       | Identify            |
| DORI <sup>1</sup> Distance  |             | 63.6 m<br>(208.66 ft)  |   | 5.4 m<br>.33 ft) | 12.7 m<br>(41.67 ft)            | 6.4 m<br>(20.99 ft) |
| Pan / Tilt / R  | lotation    |  |   |                  |                                 |                     |
| Pan/Tilt/Rotation   |             | Tilt: 0° to 78°  | Pan: 0° to 360°<br>Tilt: 0° to 78°<br>Rotation: 0° to 360°  |                  |                                 |                     |
| Video   |             |  |   |                  |                                 |                     |
| Compression   |             |  |   |                  | 64+, H.264H, H<br>nly supported |                     |
| Streaming Capab   | oility      | Two (2) Strea  | ams   |                  |                                 |                     |
| Resolution  |             | (2304 × 1296<br>×960), 720p  | 4MP (2688 × 1520), 3.6MP (2560 × 1440), 3MP<br>(2304 × 1296), 1080p (1920 × 1080), 1.3MP (1280<br>×960), 720p (1280 × 720), D1 (704 × 480), VGA<br>(640 × 480), CIF (352 × 240) |                  |                                 |                     |
| Frame Pata  | Main Stream | 2688 × 1520  | at 20   | ) fps            |                                 |                     |
| Frame Rate  | Sub Stream  | 704 × 480 at   | 20 fp   | os               |                                 |                     |
| Bit Rate  |             | H.264: 32 kbps to 6144 kbps<br>H.265: 12 kbps to 6144 kbps           |   |                  |                                 |                     |
| Bit Rate Control  |             | CBR, VBR   |   |                  |                                 |                     |
| Day/Night   |             | Auto (ICR); Manual   |   |                  |                                 |                     |
| BLC Mode  |             | BLC , HLC, WDR (120 dB)  |   |                  |                                 |                     |
| White Balance   |             | Auto, Natural, Street Lamp, Outdoor, Manual,<br>Regional,Custom      |   |                  |                                 |                     |
| Gain Control  |             | Auto, Gain Priority, Shutter Priority, Manual                        |   |                  |                                 |                     |
|   |             |  | 3DNR  |                  |                                 |                     |
| Noise Reduction   |             | 3DNR   |   |                  |                                 |                     |
| Motion Detection  | n           | 3DNR<br>Off, On (4 Zo  |   | Rectang          | e)                              |                     |
| Motion Detection<br>Region of Interes                               | n           | 3DNR<br>Off, On (4 Zo<br>Off, On (4 Zo                               |   | Rectang          | e)                              |                     |
| Motion Detection<br>Region of Interes<br>Smart IR                   | n           | 3DNR<br>Off, On (4 Zo<br>Off, On (4 Zo<br>Supported                  | nes)  |                  | e)                              |                     |
| Motion Detection<br>Region of Interes<br>Smart IR<br>Image Rotation | n           | 3DNR<br>Off, On (4 Zo<br>Off, On (4 Zo<br>Supported<br>0°, 90°, 180° | nes)  |                  | e)                              |                     |
| Motion Detection<br>Region of Interes<br>Smart IR                   | n           | 3DNR<br>Off, On (4 Zo<br>Off, On (4 Zo<br>Supported                  | nes)<br>, 270'  | 0                |                                 |                     |

| Network                              |   |
|--------------------------------------|---|
| Ethernet                             | RJ-45 (10/100 Base-T)   |
| Protocol                             | IPv4, IPv6, HTTP, TCP, UDP, ARP, RTP, RTSP, RTCP,<br>RTMP, SMTP, FTP, SFTP, DHCP, DNS, DDNS, NTP,<br>Multcast, ICMP, IGMP   |
| Interoperability                     | ONVIF (Profile S, Profile T), CGI, P2P, Milestone,<br>SDK, API  |
| Maximum User Access                  | 6 (Total bandwidth: 36 M)   |
| Edge Storage                         | FTP, SFTP, Micro SD Card Slot (Maximum 256 GB)  |
| Web Viewer                           | Microsoft Edge, Chrome, Firefox   |
| Management Software                  | DSS, DMSS   |
| Mobile Operating System              | iOS, Android  |
| Cyber Security                       | Configuraton Encrypton, Trusted Executon, Digest,<br>Security Logs, WSSE, Account Lockout, Syslog,<br>Video Encrypton, 802.1x, IP/MAC Filtering, HTTPS,<br>Trusted Upgrade, Trusted Boot, Firmware Encrypton,<br>Generating and Importing X.509 Certifcaton   |
| Certifications                       |   |
| Safety                               | EN 62368-1  |
| Electromagnetic Compatibility        | FCC CFR 47 Part 15 Subpart B  |
| (EMC)                                | Electromagnetic Compatibility Directive 2014/30/EU  |
| Electrical                           |   |
| Power Supply                         | 12 VDC or PoE (802.3af)   |
| Power Consumption                    | Basic: 1.9 W (12 VDC), 2.4 W (PoE);<br>Maximum: 5.2 W (12 VDC), 5.9 W (PoE)<br>(H.265 + Intelligence + WDR + Warm Light)  |
| Environmental                        |   |
| Operating Conditions                 | -40°C to +60°C (-40°F to +140°F), Less than 95% RH  |
| Storage Conditions                   | -40°C to +60°C (-40°F to +140°F)  |
| Ingress Protection                   | IP67  |
| Construction                         |   |
| Casing                               | Metal   |
| Dimensions                           | 100.9 mm × 109.9 mm (3.97 in. × 4.33 in.)   |
| Net Weight                           | 0.37 kg (0.82 lb)   |
| Gross Weight                         | 0.51 kg (1.12 lb)   |
| ,                                    | 0.51 KB (1.12 10)   |
| Analytics+ Functions                 |   |
| Perimeter Protection                 | <ul> <li>Detects human or vehicle violations using the following methods:</li> <li>Tripwire: a target crosses a defined line.</li> <li>Intrusion: a target enters or exits a defined perimeter.</li> <li>Monitors a combination of detection methods.</li> <li>Search and retrieve video based on target type.</li> </ul> |
| Intelligent Search                   | Works with a Smart NVR to perform and refine intelligent searches, event extraction and merging to event videos.  |
| Smart Motion Detection+ <sup>2</sup> | <ul> <li>Differentiates between and classifies human and vehicle objects.</li> <li>Filters false alarms due to leaves, lights, animals, and other inconsequential objects.</li> <li>Extracts human or vehicle objects from recorded video for quick target search and retrieval.</li> </ul>                               |
| Intelligent Video System             | Functions   |
|                                      | fined action for the following events:  |
| Standard Features                    | <ul> <li>Tampering with the camera.</li> <li>Error writing to an onboard Micro SD card.</li> <li>Error sending or receiving data over the network.</li> <li>Unauthorized access to the camera.</li> <li>IP Address Conflict</li> </ul>  |

## **Technical Specification**

| Technical Specification     |                 |   |
|-----------------------------|-----------------|---|
| N41C1P2 Fo                  | our-channel 4   | 4K Network Video Recorder (2 TB)  |
| System                      |                 |   |
| Main Processor              |                 | Industrial-grade Embedded Processor   |
| Operating System            | m               | Embedded Linux  |
| Audio and $\$               | /ideo           |   |
| IP Camera Input             |                 | Four (4) Channels   |
| Audio                       |                 | Input: One (1) Channel, RCA<br>Output: One (1) Channel, RCA   |
| Analytics+ F                | Recording⁴      |   |
| Perimeter                   | Channels        | Four (4)  |
| Protection                  | Search          | By Channel, Time, and Event Type  |
| Smart Motion                | Channels        | Four (4)  |
| Detection+                  | Search          | By Target Classification (Human or Vehicle)   |
| Display                     |                 |   |
| Interface                   |                 | One (1) HDMI, One (1) VGA   |
| Native Output R             | esolution       | 3840 x 2160, 1920 x 1080, 1280 x 1024, 1280 x 720   |
| Maximum Deco                | ding            | Two (2) Channel of 8MP at 30 fps<br>Four (4) Channels of 4MP at 30 fps                                    |
| Multi-screen Dis            | play            | 1/4   |
| On-screen Displa            | ау              | Camera Title, Time, Video Loss, Camera Lock,<br>Motion Detection, Recording                               |
| Recording                   |                 |   |
| Video Compress              | ion             | Smart H.265+, H.265, Smart H.264+, H.264, MJPEG   |
| Audio Compress              | ion             | PCM, G.711A, G.711Mu, G.726   |
| Supported IP Ca             | mera Resolution | 8MP, 6MP, 5MP, 4MP, 3MP, 1080p, 720p, D1  |
| Maximum Recording Bandwidth |                 | 80 Mbps   |
| Record Mode                 |                 | Manual Recording; Alarm Recording;<br>SMD Recording; Smart Recording                                      |
| Video Deteo                 | ction and Ala   | rm  |
| General Alarms              |                 | Motion Detection, Privacy Masking, Video Loss,<br>Scene Changing, PIR Alarm, IPC External Alarm           |
| Anomaly Alarms              |                 | Camera Disconnection, Storage Error, Disk Full, IP<br>Conflict, MAC Conflict, Login Locked, Cybersecurity |

| Browser                                | Chrome, Edge  |
|--|---|
| Interoperability                       | ONVIF (Profiles S, T, G), CGI, SDK  |
| Network                                |   |
| Internal HDD                           | One (1) SATA III Port, Up to 10 TB capacity per HDD   |
| HDD Mode                               | Single  |
| Interface                              |   |
| USB                                    | Two (2) USB 2.0 Ports (Rear Panel)  |
| Electrical                             |   |
| Power Supply                           | 48 VDC, 1.25 A  |
| Power Consumption                      | < 10 W, without HDD   |
| Total PoE Budget                       | 25.5 W single port, 36 W total  |
| Environmental                          |   |
| Operating Conditions                   | –10° C to 55° C (14° F to 131° F), 10% to 93% RH  |
| Storage Conditions                     | 0° C to 40° C (32° F to 104° F), 30% to 85% RH  |
| Construction                           |   |
| Dimensions (W x L x H)                 | 204.60 mm x 206.40 mm x 45.60 mm<br>(8.06 in. x 8.12 in. x 1.80 in.)                              |
| Net Weight                             | 0.50 kg (1.10 lb), without HDD  |
| Gross Weight                           | 1.43 kg (3.15 lb), without HDD  |
| Certifications                         |   |
| Safety                                 | EN 62368-1<br>UL 62368-1<br>CAN/CSA C22.2 No.62368-1-14   |
| Electromagnetic Compatability<br>(EMC) | CFR 47 FCC Part 15 Subpart B<br>EN55032, EN55024, EN55035, EN61000-3-2,<br>EN61000-3-3, EN50130-4 |
|  |   |

| VILLED DELECTION and Ala |   |
|--------------------------|---|
| General Alarms           | Motion Detection, Privacy Masking, Video Loss,<br>Scene Changing, PIR Alarm, IPC External Alarm   |
| Anomaly Alarms           | Camera Disconnection, Storage Error, Disk Full, IP<br>Conflict, MAC Conflict, Login Locked, Cybersecurity<br>Exception  |
| Analytics+ Alarms        | Face Detection, Perimeter Protection (Intrusion and Tripwire), IVS, People Counting, Heat Map, SMD Alarms   |
| Alarm Actions            | Recording, Snapshot, Audio, Buzzer, Log, Preset,<br>Email   |
| Playback and Backup      |   |
| Sync Playback            | 1/4   |
| Search Mode              | Time/Date, Alarm, MD and Exact Search (Accurate to One (1) Second), Smart Search  |
| Playback Function        | Play, Pause, Stop, Rewind, Fast Play, Slow Play,<br>Reverse, By Frame, Full Screen, Backup Selection<br>(Video Clip or File), Partial Zoom, Audio On/Off                                    |
| Backup Mode              | USB Device, Network   |
| Third-party Support      |   |
| Third-party Support      | Dahua, Arecont Vision, AXIS, Bosch, Brickcom,<br>Canon, CP Plus, Dynacolor, Honeywell, Panasonic,<br>Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek,<br>and Others                          |
| Network                  |   |
| Ethernet                 | One (1) RJ-45 Port (10/100/1000 Mbps), self-<br>adaptive  |
| PoE                      | Four (4) Ports (IEEE802.3af/at)   |
| Network Function         | HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, SNMP, RTSP,<br>UDP, SMTP, NTP, DHCP, DNS, IP Filter, DDNS, FTP,<br>Alarm Server, IP Search (Support Dahua IP Camera,<br>DVR, NVS), P2P, Auto-register |
| Maximum User Access      | 128   |
| Mobile Operating System  | iOS, Android  |
|                          |   |

## Technical Specification DH-DB6I 5MP WiFi Video Doorbell

## Camera

| Camera               |            |                                  |  |
|----------------------|------------|----------------------------------|--|
| Image Sensor         |            | 1/2.7-in. 5MP CMOS               |  |
| Effective Pixels     |            | 2560 x 1920                      |  |
| RAM/ROM              |            | 256 MB / 128 MB                  |  |
| Electronic Shutte    | er Speed   | Auto/Manual 1/3 s to 1/100,000 s |  |
| Scanning System      |            | Progressive                      |  |
| IR Distance          |            | 5.0 m (16.50 ft)                 |  |
| IR Control           |            | Automatic                        |  |
| IR Illuminator       |            | Two (2) LEDs                     |  |
| White-light Illum    | inator     | Built-in, programmable           |  |
| Built-in Battery     |            | 200 mAh Lithium Battery          |  |
| Lens                 |            |                                  |  |
| Lens Type            |            | Fixed-focal                      |  |
| Lens Mount           |            | M8                               |  |
| Focal Length         |            | 2.2 mm                           |  |
| Maximum Apert        | ure        | F2.0                             |  |
|                      | Horizontal | 124°                             |  |
| Angle of View        | Vertical   | 92°                              |  |
|                      | Diagonal   | 164°                             |  |
| Iris Control         |            | Fixed                            |  |
| Close Focus Distance |            | 0.80 m (2.62 ft)                 |  |
| DODLD' I             | 1          |                                  |  |

## DORI Distances<sup>1</sup>

| Detect      | Observe    | Recognize  | <b>Identify</b> |
|-------------|------------|------------|-----------------|
| (8 ppf)     | (19 ppf)   | (38 ppf)   | (76 ppf)        |
| 44.0 m      | 17.60 m    | 8.80 m     | 4.40 m          |
| (144.36 ft) | (57.74 ft) | (28.87 ft) | (14.44 ft)      |

## Video

| Video Compression                 |             | H.265, H.264   |  |
|-----------------------------------|-------------|--|--|
| Resolution                        | High        | 2560 x 1920 at 15 fps  |  |
|                                   | Medium      | 1440 x 1080 at 15 fps  |  |
|                                   | Low         | 640 x 480 at 15 fps  |  |
| Streaming Capabi                  | ility       | Two (2) Streams  |  |
| Frame Rate                        | Main Stream | 2560 x 1920 at 15 fps  |  |
| Frame Rate                        | Sub Stream  | 640 x 480 at 15 fps  |  |
| Video Bit Rate                    |             | H.264: 32 kbps to 8192 kbps<br>H.265: 32 kbps to 8192 kbps   |  |
| Day/Night                         |             | Auto (ICR), Color, B/W   |  |
| WDR                               |             | Digital WDR  |  |
| <b>Optical Features</b>           |             | White Balance, Smart Illumination  |  |
| Noise Reduction                   |             | 3D NR  |  |
| Motion Detection                  | ı           | On, Off  |  |
| Audio                             |             |  |  |
| Interface                         | Input       | One (1) Built-in Microphone  |  |
| interface                         | Output      | One (1) Built-in Speaker   |  |
| Two-way Talk                      |             | Three (3) built-in pre-recorded messages plus three (3) customized recorded messages                                     |  |
| Compression                       |             | G.711A, G.711Mu, PCM   |  |
| Audio Sampling                    |             | 8 KHz, 16 KHz, 32 KHz  |  |
| Audio                             |             |  |  |
| <b>2.4 GHz</b><br>IEEE802.11b/g/n |             | • 2400 to 2483.5 MHz, RF POWER ≤30 dBm   |  |
| 5 GHz<br>IEEE802.11a/n/ac         |             | <ul> <li>5150 to 5350 MHz, 5470 to 5725 MHz, RF<br/>POWER ≤24 dBm</li> <li>5725 to 5850 MHz, RF POWER ≤30 dBm</li> </ul> |  |
|                                   |             |  |  |

| Network                              |              |                                |   |  |  |
|--------------------------------------|--------------|--------------------------------|---|--|--|
| Network Protocol                     |              |                                | IPv4; IPv6; HTTP;TCP; UDP; ARP; RTP; RTSP; RTCP;<br>DHCP; DNS; DDNS; QoS; NTP; Multicast; ICMP;<br>IGMP               |  |  |
| Edge Storage                         |              |                                | Micro SD Card Slot, maximum 256 GB  |  |  |
| Interoperability                     |              |                                | CGI, P2P, SDK, API  |  |  |
| Mobile Operating                     | system       |                                | IOS, Android  |  |  |
| Management Sof                       | tware        |                                | DMSS  |  |  |
| Compatibility                        |              |                                | <ul> <li>Any Dahua NVR</li> <li>Dahua X5, X7, X82 Series HDCVI DVRs</li> <li>Dahua DMSS Mobile Application</li> </ul> |  |  |
| Certification                        | S            |                                |   |  |  |
| Electromagnetic<br>Compatibility (EN | 1C)          |                                | FR FCC Part 15, Subpart B;<br>D: FCC PART 15C; FCC PART 15E   |  |  |
| Electrical                           |              |                                |   |  |  |
| Power Supply⁵                        |              |                                | 12 VDC to 24 VDC or 16 VAC to 24 VAC, 0.8 A<br>USB (5 VDC±5%, 2 A) <sup>2</sup>                                       |  |  |
|                                      | 5 VDC        |                                | Basic: 2.3 W<br>Maximum: 3.3 W  |  |  |
| Power<br>Consumption                 | 12-24<br>VDC | Basic: 2.9 W<br>Maximum: 4.8 W |   |  |  |
|                                      | 16-24<br>VAC |                                | :: 2.9 W<br>mum: 4.9 W  |  |  |
| Environment                          | tal          |                                |   |  |  |
| Operating Tempe                      | rature       | -20°                           | –20° C to +50° C (–4° F to 122° F), Less than 95% RH  |  |  |
| Ingress Protection                   |              | IP65                           | IP65  |  |  |
| Construction                         |              |                                |   |  |  |
| Casing                               |              | Plast                          | Plastic   |  |  |
| Dimensions (L x W x H)               |              |                                | 130.0 mm x 45.0 mm x 22.50 mm<br>(5.12 in. x 1.77 in. x 0.88 in.)   |  |  |
| Net Weight 0                         |              | 0.11                           | 0.11 kg (0.24 lb)   |  |  |
| Gross Weight C                       |              | 0.51                           | kg (1.12 lb)  |  |  |
| Installation                         |              | Surfa                          | Surface-mount   |  |  |

| Ordering Information                |                    |   |  |  |
|-------------------------------------|--------------------|---|--|--|
| Туре                                | Part Number        | Description   |  |  |
| Security<br>System                  | N444B42C           | <ul> <li>3 x N42DJS2 4MP VU-MORE COLOR Fixed-focal Eyeball WizSense Network Camera</li> <li>1 x DH-DB6I-USA SMP WiFi Video Doorbell,<br/>2.4 GHz and 5 GHz Wi-Fi connectivity, two-way talk, Available in USA only</li> <li>1 x N41C1P2 4-channel 4K Network Video<br/>Recorder with 2 TB HDD (Smart 1U Casing,<br/>4 PoE Ports)</li> </ul> |  |  |
|                                     | PFA106             | Mount Adapter   |  |  |
|                                     | PFA130-E           | Waterproof Junction Box   |  |  |
|                                     | PFA151             | Corner Mount  |  |  |
| Camera<br>Accessories<br>(Optional) | PFA152-E           | Pole Mount  |  |  |
|                                     | PFB220C            | Ceiling Mount   |  |  |
|                                     | PFB305W            | Wall Mount  |  |  |
|                                     | DH-PFB205W-E       | Wall Mount Bracket  |  |  |
|                                     | DH-PFA200G         | Gang Box Adapter  |  |  |
|                                     | DH-PFM321D-US      | 12 VDC, 1 A Power Adapter   |  |  |
|                                     | DHI-TF-P100 Series | Micro SDXC Cards (64 GB, 128 GB, or 256 GB)   |  |  |
|                                     | DH-PFM920I-5EU-U   | 305 m (1000 ft) CAT5e UTP Cable   |  |  |
|                                     | DH-PFM900-E        | Integrated Mount Tester   |  |  |

## Camera Accessories

-0

PFA152-E Pole Mount

DH-PFB205W-E

Wall Mount Bracket

DHI-TF-P100 Series

Micro SDXC Cards (64 GB,

128 GB, or 256 GB)

15510 1723

Optional:





PFA130-E

Waterproof Junction Box

PFB220C

Ceiling Mount

DH-PFA200G

Gang Box Adapter

DH-PFM920I-5EU-U

305 m (1000 ft) CAT5e UTP

Cable

PFA151 Corner Mount



PFB305W Wall Mount



DH-PFM321D-US 12 VDC, 1 A Power Adapter



DH-PFM900-E Integrated Mount Tester

For all possible accessory combinations for this camera, please scan or click the QR code below to go to our accessory selector.



| Package | Contents |
|---------|----------|
|         |          |

| Туре            | Material  |
|-----------------|---|
| Network Cameras | <ul> <li>Printed Manual</li> <li>Printed Regulatory Guide</li> <li>Plastic Wall Anchors with Screws (x3)</li> <li>Mounting Template</li> <li>Waterproof Ethernet Connector</li> </ul>   |
| Doorbell        | <ul> <li>Quick Start Guide (QSG)</li> <li>Video Doorbell</li> <li>Power Kit for Chime (referred to as a Chime Kit in QSG)</li> <li>32 GB Pre-installed MicroSD Card</li> <li>Wiring Package</li> <li>15° Horizontal Bracket</li> <li>5° Vertical Bracket</li> <li>Mounting Kit</li> </ul> |
| 4K NVR          | <ul> <li>Quick Network Guide</li> <li>Printed Manual</li> <li>Printed Regulatory Guide</li> <li>Mouse</li> <li>Power Adapter with Power Cord</li> <li>Ethernet Cable, RJ-45</li> <li>Rubber Feet (x4)</li> </ul>  |

# **Camera Installation** Ceiling Mount Junction Mount Wall Mount PFA130-E PFB220C + PFA106 DH-PFB205W-E -Pole Mount(Vertical) PFA152-E + DH-PFB205W-E

### **Camera Dimensions**

mm [in.]



### **Doorbell Dimensions**

mm [in.]

123.7 [4.87]



#### **NVR Rear Panel** 2 13 Ť O (00000) O 3 4 5 6 7 8 9 Ground VGA Output 1 6 Audio Output, RCA (x1) Audio Input, RCA (x1) 2 7 Power Input HDMI Output 3 8 4 PoE Ports, RJ-45 (x4) 9 USB 2.0 Ports (x2) Network Port, RJ-45 5

### **NVR Dimensions**

mm [in.]





- 1.
- 3.
- The DORI distance is a measure of the general proximity for a specific classification to help pinpoint the right camera for your needs. The DORI distance is calculated based on sensor specifications and lab test results according to EN 62676-4, the standard that defines the criteria for the Detect, Observe, Recognize and Identify classifications Pair a Smart Motion Detection camera with a Dahua recording device that also offers SMD functionality to take advantage of SMD alarm filtering and object classification when searching and playing back recorded video. Do not supply power to the DH-DBGI via the USB port. Use only the Power Input Ports, as detailed in the Quick Installation Guide, to supply power to the device. The recorder's Analytics+ functions are available only when connected to a Dahua network camera with Analytics+ functionality. Do not supply power to the DH-DBGI via the USB port. Use only the Power Input Ports, as detailed in the Quick Installation Guide, to supply power to the DH-DBGI via the USB port. Use only the Power Input Ports, as detailed in the Quick Installation Guide, to supply power to the DH-DBGI via the USB port. Use only the Power Input Ports, as detailed in the Quick Installation Guide, to supply power to the device. 4. 5.

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