

4MP Night Color 2.0 Fusion Network Eyeball Camera

ePoE Dual Fixed-lens Network Camera with Analytics+



Wiz Mind

WizMind Series devices offer Dahua Analytics+ functions for comprehensive, human-oriented analytic solutions. WizMind Series products are ideal for complex applications with demanding requirements that need advanced analytic capabilities.

System Overview

The Dahua 4MP ePoE Night Color 2.0 Fusion camera offers Analytics+ functions at the edge – performing complex real-time perimeter protection surveillance, Smart Motion Detection+, and face detection. The Dahua Analytics+ algorithms significantly improve accuracy and reliability as compared to standard intelligent features. The camera is ideal for a host of diverse dark applications with low ambient lighting — Night Color Fusion Technology allows the camera to operate in any lighting condition and the IP67 rating makes the camera suitable for the harshest environments.

Functions

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.

People Counting

The camera uses complex real-time people counting algorithms to deliver accurate flow statistics from two distinct people counting functions, Line Crossing and Regional. The line crossing function counts the number of people crossing a defined line, and the regional function counts the number of people in a distinct, user-defined area. People counting is ideal for measuring the number of customers entering or exiting a location and to monitor groups of people in a distinct location.

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. SMD+ also saves time when searching recorded video by filtering false alarms and allowing quick retrieval of an alarm due to a person or vehicle.

- Two (2) x 1/1.8-in. 4MP Progressive-scan CMOS Sensor
- Triple-stream Encoding
- AI Coding, Smart H.265+ and Smart H.264+ Video Compression
- Two (2) x 4MP (2688 x 1520) at 30 fps, 2.8 mm Fixed Lens
- Built-in Microphone and Speaker
- Analytics+ Functions People Counting, Perimeter Protection, Smart Motion Detection+, Queue Management and Face Detection
- Night Color Technology with IR and White-light LEDs for Color Images in Total Darkness
- Enhanced Power and Data Transmission Distances (ePoE)
- IP67 Ingress Protection
- Five-year Warranty*

Night Color Fusion Technology

Night Color Fusion Technology is ideal for dark, low-light scenarios where both covert surveillance and full-color images are required. This technology simultaneously captures video using 2 x 4MP sensors. The first sensor extracts the details of the visible spectrum while the second sensor extracts the brightness of the black and white spectrum. The two images are then fused together to display the best of both worlds without the use of a white-light illuminator.

ArcticPro

The Dahua ArcticPro Series of extreme-environment cameras combine temperature-tolerant components with a waterproof enclosure to ensure flawless operation in temperatures as low as -40° C (-40° F) without the need for an internal heater. The lack of a heater reduces the camera's power consumption and saves operating costs. For applications that demand high-resolution video with advanced features in extremely cold environments, the Dahua ArcticPro Series offers a camera to satisfy the most demanding requirements.

Enhanced Power over Ethernet (ePoE) Technology

Dahua's innovative ePoE technology offers a plug-and-play solution to transmit power and data over long distances via Ethernet or coaxial cables, reducing installation time and saving money. ePoE technology is a viable, cost-effective solution for extending transmission distances and for converting existing, coax-based analog systems into IP systems.

Cybersecurity

Dahua network cameras are equipped with a series of key cybersecurity technologies including: security authentication and authorization, access control, trusted protection, encrypted transmission, and encrypted storage. These technologies improve the camera's ability to prevent malicious access and to protect data.

Environmental

Subjected to rigorous dust and water immersion tests the camera suitable for the most demanding outdoor applications. The camera carries an IP67 rating that ensures protection from total dust ingress and protection from water immersion between 15 centimeters and 1 meter

Pro Series | N45DUD2

Technical Specification

| Camera | |
|--------|--|
|--------|--|

| India GensorIndia () 2 x J x J x HAP Progressive-scan CMOSRfective Pixel X268(H) x 3 J X V VRAM/ROM16 J 2 2 8 MStanning SysterProgressive-scan CMOSStanning SysterProgressive-scan CMOSStanning SysterS 56 dBMinimum III v To ParaS 60 dBIlluminator DVS 00 m (164.04 T)Illuminator OTNation () 2 0 M (164.04 T)Illuminator ControlS 00 m (164.04 T)Illuminator ControS 00 m | Camera | | | | | |
|--|----------------------|--------------|--|------------------|-----------------|------|
| In Gri 128 MBRef (2 = 0.000 / USC (2 = 0.000 / U | Image Sensor | | Two (2) x 1/1 | .8-in. 4MP Pro | gressive-scan | CMOS |
| ProgressiveRecomposing SystemRecomposing SystemRecomposing SystemSoland System <tr< td=""><td>Effective Pixels</td><td></td><td>2688(H) x 152</td><td>20(V)</td><td></td><td></td></tr<> | Effective Pixels | | 2688(H) x 152 | 20(V) | | |
| Auto, Manual J 3 s to 1/100,000 sS/N Ratio> 56 dBMinimun Illuminator TyreColor: 0.000 2 x + F 1.0Illuminator TyreS0.0 m (1644 + Tyro (2) White-light LEDsIlluminator TyreAutomatic, Manual, OffPan/Tilt/RotatireRangeS0.0 m (1644 + Tyro (2) White-light LEDsPan/Tilt/RotatireAutomatic, Manual, OffPan/Tilt/RotatireRateo 10 a 30°Pan/Tilt/RotatireRateo 10 a 30°Pan/Tilt/RotatireRateo 10 a 30°Pan/Tilt/RotatireReselveUensSaleLensSaleKasimum ApperF10Maximum ApperF10Angle of ViewF10Maximum ApperF10Angle of ViewF10Nagional: 15*SaleNagional: 15*SaleStart As a standing(16 App)Nagional: 15*(11 App)Nagional: 15*SaleStart As a standing(13 App)Nagional: 15*(13 App)Nagional: 15*(13 App)Start As a standing(13 App)Nagional: 15*(13 App)Nagional: 15*(13 App)Nagional: 15*(13 App)Start As a standing(13 App)Nagional: 15*SaleStart Start 25*(13 App)Nagional: 15*SaleNagional: 15*(13 App)Nagional: 15*(13 App)Nagional: 15*(13 App)Nagional: 15*(13 App)Start 2*(13 App)Nagiona | RAM/ROM | | 1 GB / 128 M | В | | |
| Syn Ratio>56 dBMinimum IIII III minator Ty=Color: 0.002 J. Two (2) HIL-Hight LED)III uninator Ty=S0.0 m (14.0 HIL-Hight Call type)Pan/Tit/RotarPari: 0° to 36°Pan/Tit/RotarPari: 0° to 36°Pan/Tit/RotarPari: 0° to 36°Pan/Tit/RotarPari: 0° to 36°Pan/Tit/RotarRiked-focalPan/Tit/RotarFised-focalPan/Tit/RotarPari: 0° to 36°LensFised-focalLensSa endMount TypePari: 0° to 36°Rotarizontal: 2012Sa endMaximum Ap=' | Scanning Syste | m | Progressive | | | |
| Minimum Illumination O Color: 0.0002 Lux at F1.0 Vertice Minimum Illumination OIstance 50.0 m (164.04 ft ; Vertice Illuminator Color: 0.0002 Lux at F1.0 Vertice Vertice Pan/Tit/Rotati ST Par: 0° to 360° Vertice Pan/Tit/Rotati ST See | Electronic Shut | ter Speed | Auto, Manual | l, 1/3 s to 1/10 | 00,000 s | |
| Image: The transmission of transmissing transmission of transmission of transmissi | S/N Ratio | | > 56 dB | | | |
| Illumination DistrictSolom (164. UF UNE | Minimum Illum | ination | Color: 0.0002 | lux at F1.0 | | |
| National colspan="2">National colspan="2">National colspan="2">National colspan="2">National colspan="2">National colspan="2">National colspan="2">National colspan="2">National colspan="2"Iso a solve a s | Illuminator Typ | e | Two (2) IR Lig | hts, Two (2) V | Vhite-light LED |)s |
| Pan/Till/Rotative RangePan: 0° to 360° Tilt: 0° to 78° Rotation: 0° to 360° Rotation: 0° to 360° Rotatio | Illumination Dis | stance | 50.0 m (164.0 | 04 ft) | | |
| Pan/Tilt/Rotation: 0° to 378° Rotation: 0° to 38° Rotation: 0° to 38° Rot | Illuminator Cor | ntrol | Automatic, M | lanual, Off | | |
| Fixed-focal Fixed-focal Mount Type M16 Focal Length 2.8 mm Maximum Aperture F1.0 Angle of View Private State S | Pan/Tilt/Rotati | on Range | Tilt: 0° to 78° | | | |
| Mount Type M16 Focal Length 2.8 mm Maximum Ap=read F1.0 Angle of View Viertical: 48° biagonal: 115° Angle of View Viertical: 48° biagonal: 115° ris Type Fixed Close Focus Dimeter 4 m (13.1 ft) DORI' Lens Detect (8 pcf) Observe (76.4 ft) (38.0 ft) (19.0 ft) DORI' Lens S8.2 m (19.0 ft) (19.0 ft) (38.0 ft) (19.0 ft) Smart Evert Start Mape Main Stare M (19.0 ft) (19.0 ft) (19.0 ft) (19.0 ft) Start Evert Smart Schedule Start Mape Main Stree M (19.0 ft) (19.0 ft) (19.0 ft) (19.0 ft) Streaming Capital Smart Schedule Stream (19.0 ft) Stream (19.0 ft) (19.0 ft) (19.0 ft) (19.0 ft) Streaming Capital Three (3) treem (19.0 ft) Three (3) treem (19.0 ft) (19.0 ft) (19.0 ft) Streaming Capital Three (3) treem (19.0 ft) Th | Lens | | | | | |
| Image of View 5.8 mm Maximum Ap=read F1.0 Angle of View F1.0 Angle of View Status | Lens Type | | Fixed-focal | | | |
| Maximum Apper Log Maximum Apper Lo | Mount Type | | M16 | | | |
| Angle of View Giviziontal: 37° Vertical: 48° Diagonal: 115° Iris Type Fixed Iris Type 4 m (13.1 ft) DORN' Que to standing to the standing to | Focal Length | | 2.8 mm | | | |
| Angle of View Giviziontal: 37° Vertical: 48° Diagonal: 115° Iris Type Fixed Iris Type 4 m (13.1 ft) DORN' Que to standing to the standing to | Maximum Ape | rture | F1.0 | | | |
| Close Focus Distance4 m (13.1 ft)DOR1' DistanceLensDetect (8 ppf)Observe (19 ppf)Recognize (38 ppf)Identify (76 ppf)2.8 mm\$8.2 m (190.9 ft)23.3 m (76.4 ft)11.6 m (38.06 ft)5.8 m (19.03 ft)Smart Event\$8.2 m (190.9 ft)23.3 m (76.4 ft)11.6 m (38.06 ft)5.8 m (19.03 ft)Smart Event\$58.2 m (19.03 ft)23.3 m (19.04 ft)11.6 m (38.06 ft)5.8 m (19.03 ft)Smart Event\$58.2 m (19.03 ft)23.3 m (19.03 ft)11.6 m (38.06 ft)5.8 m (19.03 ft)Supports\$58.2 m (19.03 ft)\$58.2 m (19.03 ft)23.3 m (19.03 ft)11.6 m (19.03 ft)Supports\$58.2 m (19.03 ft)\$58.2 m (19.03 ft)\$58.2 m (19.03 ft)11.6 m (19.03 ft)Streaming Capelity\$58.2 m H.264 H, MJPEG (sub stream only)\$1.4264 H, MJPEG (sub stream only)\$1.4264 H, MJPEG (sub stream only)Streaming CapelityThree (3) Stream 1 42.05 v 960), 720p (1280 v 720), D1 (704 v 576/704 v 480), VGA (640 v 480), CIC (322 v 288/352 v | | | Horizontal: 97° Vertical: 48° | | | |
| Image: Normal stateLensDetect (8 ppf)Observe (19 ppf)Recognize (38 ppf)Identify | Iris Type | | Fixed | | | |
| DORI' Distance Lens (8 ppf) (19 ppf) (38 ppf) (76 ppf) 2.8 mm 58.2 m (190.9 ft) 23.3 m (76.4 ft) 11.6 m (38.06 ft) 5.8 m (19.03 ft) Smart Event smart Object Uncents smart Object Uncent Object Uncents | Close Focus Distance | | 4 m (13.1 ft) | | | |
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| Supports Smart Schedule Smart Object Detection Heat Map Video Compression Smart H.265+, H.265, Smart H.264+, H.264, H.264B, H.264H, MJPEG (sub stream only) Streaming Cap>bility Three (3) Streams Resolution 4MP (2688 × 1520), 1080p (1920 × 1080), 1.3MP (1280 × 960), 720p (1280 × 720), D1 (704 × 576/704 × 480), VGA (640 × 480), CIF (352 × 288/352 × 240) Resolution Main Stream Main Stream MMP (2688 × 1520) at 30 fps Sub Stream 1 D1 (704 × 480) at 30 fps Bit Rate Contr CBR/VBR Bit Rate H.264: 32 Kbps to 8192 Kbps H.265: 19 Kbps to 8192 Kbps Day/Night Color, B/W | Distance | 2.8 mm | | | | |
| Supports Smart Object Detection Heat Map Video Smart M265, Mart M265, Smart H.264, H.264, H.264, M.264, M.264, M.JPEG (sub stream only) Streaming Capuer Smart H.265, Mart H.265, Smart H.264, H.264, M.264, M.264, M.JPEG (sub stream only) Streaming Capuer Three (3) Streams Resolution MMP (2688 × 1520), 1080p (1920 × 1080), 1.3MP (1280 × 960), 720p (1280 × 720), D1 (704 × 576/704 × 880), VGA (640 × 480), CIF (352 × 288/352 × 240) Resolution Main Stream MMP (2688 × 1520) at 30 fps Frame Rate Sub Stream 1 D1 (704 × 480) at 30 fps Bit Rate Contrue CBR/VBR Instruments Bit Rate L265: 21 SKbps to 8192 Kbps Day/Night Clore, B/W | Smart Even | t | | | | |
| Compression Smart H.265+, H.265, Smart H.264+, H.264, H.264, H.264, H.264, H.264, M.JPEG (sub stream only) Steaming Carry Three (3) Streams Resolution MAIP (2688 × 1520), 1080p (1920 × 1080), 1.3MP (secondary), VGA (640 × 480), VGA (640 | Supports | | Smart Object Detection | | | |
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| Resolution MAIN P (2688 × 1520), 1080p (1920 × 1080), 1.3MP (1280 × 960), 720p (1280 × 720), D1 (704 × 576/704 × 480), VGA (640 × 480), CIF (352 × 288/352 × 240) Frame Rate Main Stream 4MP (2688 × 1520) at 30 fps Sub Stream 1 D1 (704 × 480) at 30 fps 10 Bit Rate Control CBR/VBR CBR/VBR Bit Rate 1.264: 32 Kbps to 8192 Kbps 1.265: 19 Kbps to 8192 Kbps Day/Night Color, B/W Color, B/W | Compression | | | | | |
| Resolution 1280 × 960), 720p (1280 × 720), D1 (704 × 576/704 × 848), VGA (640 × 480), CIF (352 × 288/352 × 240) Frame Rate Main Stream 4MP (2688 × 1520) at 30 fps Sub Stream 1 D1 (704 × 480) at 30 fps 10 Bit Rate Contr CBR/VBR CBR/VBR Bit Rate 1.264: 32 Kbps to 8192 Kbps Day/Night Color, B/W | Streaming Capa | ability | Three (3) Streams | | | |
| Frame Rate Sub Stream 1 D1 (704 x 480) at 30 fps Sub Stream 2 1080p (1920 x 1080) at 30 fps Bit Rate Control CBR/VBR Bit Rate CBR/VBR Day/Night Color, B/W | Resolution | | (1280 × 960), 720p (1280 × 720), D1 (704 × 576/704 × | | | |
| Sub Stream 2 1080p (1920 x 1080) at 30 fps Bit Rate Control CBR/VBR Bit Rate H.264: 32 Kbps to 8192 Kbps H.265: 19 Kbps to 8192 Kbps Day/Night Color, B/W | | Main Stream | 4MP (2688 x | 1520) at 30 fp | S | |
| Bit Rate Control CBR/VBR Bit Rate H.264: 32 Kbps to 8192 Kbps Day/Night Color, B/W | Frame Rate | Sub Stream 1 | | | | |
| Bit Rate Control CBR/VBR Bit Rate H.264: 32 Kbps to 8192 Kbps H.265: 19 Kbps to 8192 Kbps Day/Night Color, B/W | | Sub Stream 2 | 1080p (1920 | x 1080) at 30 | fps | |
| Bit Rate H.264: 32 Kbps to 8192 Kbps H.265: 19 Kbps to 8192 Kbps Day/Night Color, B/W | | | | | | |
| Day/Night Color, B/W | | | H.264: 32 Kbps to 8192 Kbps | | | |
| BLC Mode BLC, HLC, DWDR | Day/Night | | Color, B/W | | | |
| , , | BLC Mode | | BLC, HLC, DWDR | | | |

| Auto, Natural, Street Lamp, Outdoor, Manual, Regional Custom | | |
|---|--|--|
| Auto, Manual, Gain Priority, Shutter Priority | | |
| 3D DNR | | |
| Off, On (4 Zones) | | |
| Off, On (4 Zones) | | |
| 0°, 90°, 180°, 270° | | |
| Off, On | | |
| Off, On (8 Areas, Rectangular) | | |
| | | |
| Yes | | |
| G.711a, G.711Mu, G.726, G.723, PCM | | |
| | | |
| RJ-45 (10/100 Base-T) | | |
| | | |
| IPv4, IPv6, HTTP, TCP, UDP, ARP, RTP, RTSP, SMTP, FTP, DHCP, DNS, NTP, Multicast, DDNS | | |
| ONVIF (Profile S/Profile G/Profile T); CGI; Milestone Genetec; P2P | | |
| Unicast / Multicast | | |
| 20 (Total Bandwidth: 80 Mbps) | | |
| Network Attached Storage (NAS) FTP, SFTP | | |
| Micro SD Card Slot, maximum 256 GB | | |
| IE (Version 8 and higher), Chrome, Firefox | | |
| DSS, DMSS, Smart PSS | | |
| iOS, Android | | |
| Video Encryption, Firmware Encryption, Configuration Encryption, Digest, WSSE, Account Lockout, Security Logs, IP/MAC Filtering, Generating and Importing X.509 Certification, Syslog, HTTPS, 802.1x, Trusted Boot, Trusted Execution, Trusted Upgrade | | |
| | | |
| UL/CUL: UL62368-1 & CAN/CSA C22.2 No. 62368- 1-14 | | |
| CFR 47 FCC Part 15 Subpart B Electromagnetic Compatibility Directive 2014/30/EU | | |
| | | |
| One (1) Channel, RCA plus a built-in Microphone | | |
| One (1) Channel, RCA plus a built-in Speaker | | |
| One (1) Channlel, 5mA 3V to 5V DC | | |
| One (1) Channlel, 300mA, 12V DC | | |
| | | |
| 12 VDC ±30%, PoE (IEEE 802.3af, Class 0), or ePoE | | |
| 12 VDC: 3.9 W | | |
| PoE: 4.6 W | | |
| PoE: 4.6 W H.265+IR and White-light On:12 VDC: 9.3 W PoE: 10.5 W | | |
| H.265+IR and White-light On:12 VDC: 9.3 W | | |
| H.265+IR and White-light On:12 VDC: 9.3 W | | |
| H.265+IR and White-light On:12 VDC: 9.3 W PoE: 10.5 W -40° C to +60° C (-40° F to +140° F) | | |
| | | |

Pro Series | N45DUD2

Construction

| Casing | | Metal | | |
|--------------------------|----------------------|---|--|--|
| Dimensions (L x V | V x H) | ø122.0 mm x 110.9 mm (ø4.80 in. x 4.37 in.) | | |
| Net Weight | | 0.75 kg (1.65 lb) | | |
| Gross Weight | | 0.94 kg (2.07 lb) | | |
| Analytics+ Fu | nctions ² | | | |
| Smart Plan Schec | lule | Enable Analytics+ functions depending on a user-defined schedule. Allows the camera to switch analytic functions based on time. | | |
| Perimeter Protection | | Detects human or vehicle violations using the following methods: Tripwire: a target crosses a defined line. Intrusion: a target enters or exits a defined perimeter. Monitors a combination of detection methods. Search and retrieve video based on target type. | | |
| People Counting | | Delivers accurate flow statistics from the following methods: Line Crossing: counts a person as they cross a threshold in a defined direction. Region: counts the number of people in a defined area. Counts people simultaneously from four (4) threshold lines and four (4) defined regions. | | |
| Queue Management | | Monitors four (4) user-defined regions where people wait in line (or queue). Issues an alarm for the following triggers: People in Line: the number of people in line exceeds a minimum threshold. Wait Time: time a person waits in line is greater than the minimum queue time | | |
| Intelligent Search | | Works with a Smart NVR to perform and refine intelligent searches, event extraction and merging to event videos | | |
| Face Detection | | • Detects and captures a snapshot of a human face within a scene. | | |
| Smart Object Detection | | Monitors for an abandoned object offering two functions: Object-only: issues an alarm when an object remains stationary for a set time. People/Object: issues an alarm when an object is separated from a person. Monitors for a missing object. Issues an alarm if an object is moved from its original position. | | |
| Smart Motion Detection+ | | Differentiates between and classifies human and vehicle objects. Filters false alarms due to leaves, lights, animals, and other inconsequential objects. Extracts human or vehicle objects from recorded video for quick target search and retrieval. | | |
| Recommended Detection | Human | Up to 10.0 m (32.81 ft) | | |
| Distance | Vehicle | Up to 15.0 m (49.21 ft) | | |
| | | | | |

Intelligent Video System Functions

IVS triggers an alarm and takes a defined action for the following events:

| Standard Features | Tampering with the camera. Error writing to an onboard Micro SD card. Error sending or receiving data over the network. Unauthorized access to the camera. IP Address Conflict |
|-------------------|--|
| Premium Features | |
| Missing Object | An object is missing from a designated area. |
| Abandoned Object | An object is placed in a designated area where no object should be. |

| Scene Change | A person or object moves the camera to change the scene or covers the camera to obscure the scene. | | |
|---------------------|--|--|--|
| Fast Moving | Target exceeds a set speed when exiting a defined area | | |
| Parking Detection | Vehicle remains in a defined area without motion for a set period of time. | | |
| Crowd Gathering | Specified number of people remain inside a defined area for a set time. | | |
| Loitering Detection | Target is in motion inside a defined area longer than a specified amount of time. | | |
| | | | |

ePoE Transmission Distances

Via CAT5E/CAT6 Ethernet Cable ePoE supply voltage 48 V

-Maximum DC resistance < 10 Ω/100 m

| Cable Length, m (ft) | Bandwidth, Mbps | PoE Load Capacity, W | Hi-PoE Load Capacity, W | Working Mode |
|-------------------------|--------------------|-------------------------|----------------------------|-----------------|
| 100 (328) | 100 | 25.5 | 53 | IEEE/E100 |
| 200 (656) | 100 | 25.5 | 33 | E100 |
| 300 (984) | 100 | 19 | 19 | E100 |
| 400 (1312) | 10 | 17 | 17 | E10 |
| 500 (1640) | 10 | 13 | 13 | E10 |
| 800 (2625) | 10 | 7 | 7 | E10 |

Via CAT5E/CAT6 Ethernet Cable

ePoE supply voltage 53 V Maximum DC resistance < 10 Ω/100 m

| Cable Length, m (ft) | Bandwidth, Mbps | PoE Load Capacity, W | Hi-PoE Load Capacity, W | Working Mode |
|-------------------------|--------------------|-------------------------|----------------------------|-----------------|
| 100 (328) | 100 | 25.5 | 53 | IEEE/E100 |
| 200 (656) | 100 | 25.5 | 47 | E100 |
| 300 (984) | 100 | 25.5 | 32 | E100 |
| 400 (1312) | 10 | 23 | 26 | E10 |
| 500 (1640) | 10 | 20 | 20 | E10 |
| 800 (2625) | 10 | 13 | 13 | E10 |

Via RG-59 Coaxial Cable

ePoE supply voltage 48 V Maximum DC resistance < 5 Ω /100 m

| Cable Length, m (ft) | Bandwidth, Mbps | PoE Load Capacity, W | Hi-PoE Load Capacity, W | Working Mode |
|-------------------------|--------------------|-------------------------|----------------------------|-----------------|
| 100 (328) | 100 | 25.5 | 50 | IEEE/E100 |
| 200 (656) | 100 | 25.5 | 30 | E100 |
| 300 (984) | 100 | 18 | 18 | E100 |
| 400 (1312) | 100 | 15 | 15 | E100 |
| 500 (1640) | 10 | 12 | 12 | E10 |
| 800 (2625) | 10 | 6 | 6 | E10 |
| 1000 (3281) | 10 | 5 | 5 | E10 |

Via RG-59 Coaxial Cable

ePoE supply voltage 53 V Maximum DC resistance < 5 $\Omega/100$ m

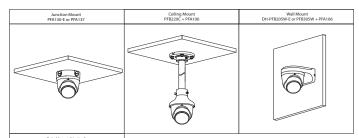
| ······································ | | | | |
|--|--------------------|-------------------------|----------------------------|-----------------|
| Cable Length, m (ft) | Bandwidth, Mbps | PoE Load Capacity, W | Hi-PoE Load Capacity, W | Working Mode |
| 100 (328) | 100 | 25.5 | 52 | IEEE/E100 |
| 200 (656) | 100 | 25.5 | 48 | E100 |
| 300 (984) | 100 | 25.5 | 30 | E100 |
| 400 (1312) | 100 | 20 | 23 | E100 |
| 500 (1640) | 10 | 16 | 16 | E10 |
| 800 (2625) | 10 | 10 | 10 | E10 |
| 1000 (3281) | 10 | 8 | 8 | E10 |

 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.

Pro Series | N45DUD2

| ordering information | | | | |
|-----------------------|---|--|--|--|
| Part Number | Description | | | |
| N45DUD2 | 4MP ePoE Night Color Fusion Fixed Lens Eyeball Camera with Analytics+ | | | |
| PFA137 | Junction Box | | | |
| PFA130-E | Waterproof Junction Box | | | |
| PFB305W | Wall Mount Bracket | | | |
| PFA152-E | Pole Mount | | | |
| PFA150 | Pole Mount Bracket | | | |
| PFA151 | Corner Mount | | | |
| PFB220C | Celling Mount Bracket | | | |
| PFA106 | Mount Adapter | | | |
| РҒМ900-Е | Integrated Mount Tester | | | |
| DHI-TF- P100/256GB | 256GB SD Card | | | |
| DH-PFM321D-US | 12 VDC, 1 A Power Adapter | | | |
| DH-PFB205W-E | Wall Mount Bracket | | | |
| LR1002 | EoC Passive Converter | | | |
| LR1002-1EC | Single-port EoC Receiver | | | |
| | Part Number N45DUD2 PFA137 PFA130-E PFB305W PFA152-E PFA150 PFA151 PFA20C PFA106 PFM900-E PFM900-E DHI-TF- P100/256GB DH-PFM321D-US DH-PFB205W-E LR1002 | | | |

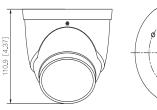


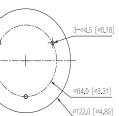
Pole Mount (Vertical) PFA150 + PFB305W + PFA106 or PFA152-E + DH-PFB205W-E



Dimensions

mm [in.]





Accessories (Optional)



PFA106 Mount Adapter



PFA130-E Waterproof Junction Box



PFB220C Ceiling Mount



LR1002 EoC Passive Converter



PFA151 Corner Mount



DH-PFB205W-E Wall Mount Bracket



PFA150 Pole Mount



PFB305W Wall Mount



LR1002-1EC Single-port EoC Receiver



DHI-TF-P100/256GB 256GB SD Card



PFA137

Junction Box

PFA152-E Pole Mount



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



PFM900-E Integrated Mount Tester



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