

## 2.1MP IR Mini-Dome Network Camera



MPIX-21VDF-IR28



## 2.1MP Full HD Vandal-proof IR Network Dome Camera



### Features:

- ❖ Vandal-proof IR dome camera
- ❖ H.265 & H.264 dual stream encoding
- ❖ 1/2.7" 2.1MP progressive scan CMOS
- ❖ 25/30fps@1080P(1920x1080)
- ❖ D-WDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC
- ❖ 2.8mm fixed lens, 3 AXIS
- ❖ Max. IR LEDs length 30m/98 feet
- ❖ IP67, IK10, PoE
- ❖ Multiple network monitoring:  
Built-in web server & Multifunction VMS
- ❖ Smart phones compatible
- ❖ **Supports multiple analytics functions**  
**For more information call us to better suit your needs**



FREE Multisite VMS software  
Download from [www.watchnetinc.com](http://www.watchnetinc.com)

Optional Brackets:



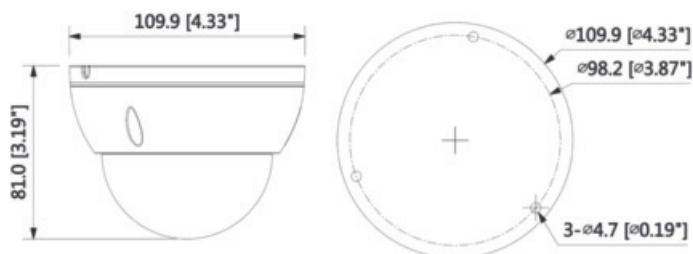
BRACK-BB-44



BRACK-WM-48



BRACK-PM-06



iPhone



| Model                    | MPIX-21VDF-IR28  |
|--------------------------|--|
| <b>Camera</b>            |  |
| Image Sensor             | 1/2.7" 2.1Megapixel progressive CMOS   |
| Effective Pixels         | 1920(H)x1080(V)  |
| Min. Illumination        | 0.08Lux/F2.0( Color,1/3s,30IRE)<br>0.3Lux/F2.0( Color,1/30s,30IRE)<br>0Lux/F2.0(IR on)                       |
| RAM / ROM                | 256MB/128MB  |
| S/N Ratio                | More than 50dB   |
| Electronic Shutter Speed | Auto/Manual, 1/3~1/100000s   |
| IR Distance              | 30m (98ft)   |
| Scanning System          | Progressive  |
| IR On / Off Control      | Auto / Manual  |
| IR LEDs                  | 24   |
| <b>Lens</b>              |  |
| Lens Type                | Fixed  |
| Focal Length             | 2.8mm  |
| Max. Aperture            | F2.0/F2.0  |
| Angle of View            | H: 104°/92°, V: 55°/50°  |
| Mount Type               | Board-in Type  |
| Focus Control            | Fixed  |
| Close Focus Distance     | 0.6m(0.9m)   |
| <b>Video</b>             |  |
| Compression              | H.265/H.264H/MJPEG(Sub Stream)   |
| Streaming Capability     | 2 Streams  |
| Resolution               | 1080P(1920×1080)/1.3M(1280×960)/<br>720P(1280×720)/D1(704×576/704×480)/<br>VGA(640×480)/CIF(352×288/352×240) |
| Frame Rate               | <b>Main Stream:</b> 1080P(1 ~ 25/30fps)<br><b>Sub Stream:</b> D1(1 ~ 25/30fp)                                |
| Bit Rate Control         | CBR / VBR  |
| Bit Rate                 | H.265: 12K ~ 6400Kbps / H.264: 32K ~ 10240Kbps   |
| Day/Night                | Auto (ICR) / Color / B/W   |
| BLC Mode                 | BLC / HLC / D-WDR  |
| White Balance            | Auto / Natural / Street Lamp / Outdoor / Manual  |
| Gain Control             | Auto / Manual  |
| Noise Reduction          | 3D DNR   |
| Motion Detetion          | Off / On (4 Zone, Rectangle)   |
| Region of Interest       | Off / On (4 Zone)  |
| Flip                     | 0°/90°/180°/270°   |
| Mirror                   | Off / On   |
| Smart IR                 | Supported  |
| Digital Zoom             | 16x  |
| Privacy Masking          | Off / On (4 Area, Rectangle)   |

|                       |   |
|-----------------------|---|
| <b>Analytics</b>      |   |
| Analytics             | Supports multiple analytics functions   |
| <b>Audio</b>          |   |
| Compression           | N/A   |
| <b>Network</b>        |   |
| Ethernet              | RJ-45 (10/100Base-T)  |
| Protocol              | HTTP;HTTPS;TCP;ARP;RTSP;RTP;RTCP;UDP;<br>SMTP; FTP;DHCP;DNS;DDNS;PPPoE;IPv4/v6;QoS;<br>UPnP; NTP;Bonjour;IEEE<br>802.1x;Multicast;ICMP;IGMP;TLS |
| Interoperability      | ONVIF, PSIA, CGI  |
| Streaming Method      | Unicast / Multicast   |
| Max. User Access      | 10 Users /20 Users  |
| Edge Storage          | NAS<br>Local PC for instant recording   |
| Web Viewer            | IE, Chrome, Firefox, Safari   |
| Management Software   | Multiple network monitoring:<br>Built-in web server & Multifunction VMS   |
| Smart Phone           | (Android & iOS)   |
| <b>Certifications</b> |   |
| Certifications        | CE, FCC, RoHS   |
| <b>Interface</b>      |   |
| Video Interface       | N/A   |
| Audio Interface       | N/A   |
| RS485                 | N/A   |
| Alarm                 | N/A   |
| <b>Electrical</b>     |   |
| Power Supply          | DC12V, PoE (802.3af)(Class 0)   |
| Power Consumption     | <5.5W   |
| <b>Environmental</b>  |   |
| Operating Conditions  | -30°C ~ +60°C (-22°F ~ +140°F)<br>Less than 95% RH  |
| Storage Conditions    | -30°C ~ +60°C (-22°F ~ +140°F)<br>Less than 95% RH  |
| Protection Level      | IP67, IK10  |
| <b>Construction</b>   |   |
| Casing                | Metal   |
| Dimensions            | Φ109.9mm×81mm<br>(4.33"×3.19)   |
| Net Weight            | 0.34Kg (0.75lb)   |
| Gross Weight          | 0.47Kg (1.04lb)   |

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