



**EXPL**  
TECHNOLOGIES

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# EXP-50BN5MF

5MP Built-In Audio Bullet Camera



1/2.7"  
SENSOR



3.6MM  
LENS



2 ARRAY  
LED



IR  
DISTANCE



INTERNAL  
MIC.





# EXP-50BN5MF

## 5MP Built-In Audio Bullet Camera

### Specifications:

|                                   |  |
|-----------------------------------|--|
| Model Name                        | <b>EXP-50BN5MF</b>   |
| Imaging Device                    | 1/2.7"   |
| Effective Pixels                  | 5MP 2592(H)×1944(V)  |
| Scanning System                   | Progressive CMOS   |
| Min. Illumination                 | Color 0.05lux @ F1.2(AGC ON ); B/W 0 lux @ IR ON   |
| Focal Length (Zoom Ratio)         | 3.6mm  |
| Max. Aperture Ratio               | F No. 1.6±5%   |
| Angular Field of View             | Horizontal:81°, Vertical:57°, Diagonal:108°  |
| Min. Object Distance              | 0.2M   |
| Lens Type                         | Fixed(M12)   |
| IR Viewable Length                | Up to 30m  |
| Camera Title                      | On/Off   |
| Day & Night                       | IR cut filter with auto switch Day/Night/Auto/Schedule)  |
| Backlight Compensation            | Off/On (5 Zone)  |
| Wide Dynamic Range                | DWDR   |
| Digital Noise Reduction           | 3D DNR   |
| Motion Detection                  | Off/On (8 Level)   |
| Privacy Masking                   | Off/On (4 Zone, Rectangle)   |
| Gain Control                      | Auto   |
| White Balance                     | Auto/Manual/Indoor   |
| Electronic Shutter Speed          | 1/5 ~ 1/20000s   |
| Flip / Mirror                     | Flip/Rotation  |
| Audio                             | Built-in microphone  |
| Hardware Reset                    | Yes  |
| Ethernet                          | RJ45(10/100BASE -T)  |
| Video Compression Format          | H.265/H.264  |
| Resolution                        | Main Stream<br>5MP (2592*1944),<br>4MP (2592x1520),3MP (2304x1296),<br>1080P(1920x1080), 720P(1280x720),<br>Sub Steam<br>720P(1280x720),<br>VGA (640x480), QVGA (320x240)<br>Mobile Stream<br>QVGA (320x240) |
| Max. Framerate                    | 5MP ~ 20fps 4MP ~ 30fps  |
| Video Quality Ajustment           | 8Kbps ~ 8Mbps  |
| Bitrate control method            | CBR/VBR  |
| Streaming Capability              | Triple-Stream (Main/Sub/Moile)   |
| IP                                | IPv4   |
| Protocol                          | TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP,<br>SMTP, NTP, UPnP, SNMP, HTTPS,FTP   |
| Security                          | IP address filter; complicated password; Authenticated username and password   |
| Streaming Method                  | Unicast/Multicast  |
| Max. User Access                  | Max 7 (Admin+User)   |
| Application Programming Interface | ONVIF (Profile S/G/T)  |
| Web Viewer                        | IE8,9,10,11, Chrome 44/lower, Firefox 51/lower,  |
| Operating Temperature / Humidity  | -30 ~ +60°C/less than ≤ 95% RH   |
| Ingress Protection                | IP67   |
| Input Voltage / Current           | D12V/POE(IEEE802.3af)  |
| Power Consumption                 | 12V/2A   |
| Color / Material                  | White/Metal  |
| Weight                            | 650g   |

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### General Information

- 5MP (2592\*1944) Resolution
- IR-Distance 30m
- Support Built-In Microphone
- H.265
- 3DNR, BLC, DWDR
- Support Motion Detection
- IP67,30fps with Metal Housing

### Dimensions

