

MODEL #

TEBFDAIP8MP28-AI-B



# EYEBALL NETWORK CAMERA

ONVIF | GMS1 | NDAA Compliant | AI



**8MP**  
RESOLUTION



**8MP**  
Resolution

**2.8MM**  
Lens



**IR Up to**  
**30M**

**Built-in**  
**Microphone**



**IP67**  
**Waterproof**  
**& Dust-tight**

**Micro SD Card**  
**Slot up to 1TB**

The **TEBFDAIP8MP28-AI-B** surveillance camera offers highdefinition resolution thanks to its 8MP sensor, providing sharp and precise videos. Equipped with infrared technology offering night vision up to 20 meters, it ensures effective surveillance at all times. Its 2.8mm lens provides a wide field of view, and its low light sensitivity of 0.009 lux ensures optimal performance even in low light conditions. Available in black or white, this camera incorporates artificial intelligence features for advanced surveillance, including a built-in microphone. It is compatible with Power over Ethernet (PoE) of 6.5W, facilitating its power supply and connection.

This camera model is also available in white - TEBFDAIP8MP28-AI.



## VIDEO

|                   |                                                   |
|-------------------|---------------------------------------------------|
| Imaging Device    | 1/2.8"                                            |
| Effective Pixels  | 8MP 3840(H) × 2160(V)                             |
| Scanning System   | Progressive CMOS                                  |
| Min. Illumination | Color 0.009lux @ F1.6(AGC ON) ; B/W 0 lux @ IR ON |

## LENS TYPE

|                           |                                                 |
|---------------------------|-------------------------------------------------|
| Focal Length (Zoom Ratio) | 2.8 mm                                          |
| Max. Aperture Ratio       | F No. 1.6                                       |
| Angular Field of View     | Horizontal: 105°, Vertical: 56°, Diagonal: 126° |
| Min. Object Distance      | 1.8m                                            |
| Lens Type                 | Fixed (M12)                                     |

## OPERATIONAL

|                          |                                                                |
|--------------------------|----------------------------------------------------------------|
| IR Viewable Length       | Up to 30m                                                      |
| Camera Title             | Show/Hide                                                      |
| Day & Night              | IR cut filter with auto switch (Day/Night/Auto/Image/Schedule) |
| Backlight Compensation   | Off/On (5 Zones)                                               |
| Wide Dynamic Range       | WDR                                                            |
| Digital Noise Reduction  | 3D DNR                                                         |
| Motion Detection         | Off/On (8 Levels)                                              |
| Privacy Masking          | Off/On (4 Zones, Rectangle)                                    |
| Gain Control             | Auto                                                           |
| White Balance            | Auto/Manual                                                    |
| Electronic Shutter Speed | 1/5 ~ 1/20000s                                                 |
| On-Board Storage         | Micro SD slot, up to 1TB                                       |
| Alarm                    | NA                                                             |
| Audio                    | Built-in microphone                                            |
| Hardware Reset           | Yes                                                            |

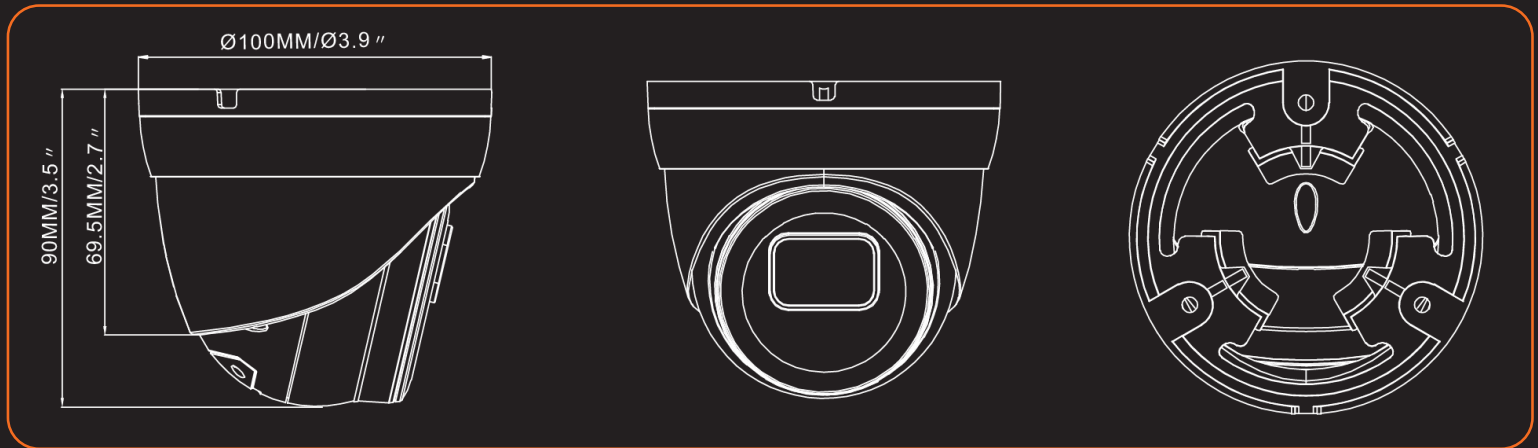
## NETWORK

|                                   |                                                                                                                                                                                                                                                                                                  |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ethernet                          | RJ45(10/100BASE-T)                                                                                                                                                                                                                                                                               |
| Video Compression Format          | H.265/H.264                                                                                                                                                                                                                                                                                      |
| Resolution                        | <b>Main Stream @30fps:</b> 8MP(3840x2160), 5MP(2592x1944) (3072x1728), 4MP(2592x1520), 3MP(2304x1296), 1080P(1920x1080), 960P(1280x960), 720P(1280x720)<br><b>Sub Stream @30fps:</b> 1080P(1920x1080), 720P(1280x720), VGA(640x480)<br><b>Mobile Stream @30fps:</b> VGA(640x480), QVGA (320x240) |
| Video Quality Adjustment          | 256Kbps ~ 16Mbps                                                                                                                                                                                                                                                                                 |
| Bitrate Control Method            | CBR/VBR                                                                                                                                                                                                                                                                                          |
| Streaming Capability              | Triple-Stream(Main/Sub/Mobile)                                                                                                                                                                                                                                                                   |
| Protocol                          | TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP, SMTP,NTP,UPnP,SNMP,HTTPS,FTP                                                                                                                                                                                                                                 |
| Security                          | IP address filter;complicated password; Authenticated username and password                                                                                                                                                                                                                      |
| Streaming Method                  | Unicast/Multicast                                                                                                                                                                                                                                                                                |
| Application Programming Interface | ONVIF( Profile S/G/T)                                                                                                                                                                                                                                                                            |
| Compatible Web Browsers           | IE10/11, Chrome V.57/above, Firefox V.52/above, Safari V.12.1/above, Edge V.79/above                                                                                                                                                                                                             |

## GENERAL

|                            |                                                                                                                                                                                                                                                                                                                       |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating Conditions       | -35°+60°C/less than ≤ 95% RH                                                                                                                                                                                                                                                                                          |
| Ingress Protection         | IP67                                                                                                                                                                                                                                                                                                                  |
| Input Voltage / Current    | D12V/POE(IEEE802.3af)                                                                                                                                                                                                                                                                                                 |
| Power Consumption (IR OFF) | 3W-4W                                                                                                                                                                                                                                                                                                                 |
| Power Consumption (IR ON)  | 5W-6.5W                                                                                                                                                                                                                                                                                                               |
| Color/ Material            | Black/Metal                                                                                                                                                                                                                                                                                                           |
| Dimension (WXHXD)          | Ø100x90mm                                                                                                                                                                                                                                                                                                             |
| Weight                     | appr. 420g                                                                                                                                                                                                                                                                                                            |
| Smart Features             | Rare Sound Detection (SD) , Perimeter Intrusion Detection (PID), Face Detection (FD), Stationary Object Detection (SOD), Crowd Density Detection (CD), Human&Vehicle Detection (PD&VD), Line Crossing Detection (LCD), Queue Length Detection (QD), Heat Map (HM), Cross Counting (CC), License Plate Detection (LPD) |

## DIMENSIONS



## COMPATIBLE ACCESSORIES

### CEILING MOUNT SOLUTION



### CORNER MOUNT SOLUTION



### POLE MOUNT SOLUTION



### WALL MOUNT SOLUTION



### JUNCTION BOX



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