

# 8MP 6 CHANNEL ANALOG KIT

ONVIF® | G S T | NDA Compliant | AI



The KIT6AIO8MP-AI-B-2T is a complete AI-powered surveillance solution designed for reliable protection in residential and small commercial environments. It includes 6× TEBF28AIO-8MP-B HD Analog Eyeball Cameras and 1× GSD-DVRFNC4K-08-N-AI Digital Video Recorder, delivering crisp 8MP video with intelligent AI analytics. A 2TB WD Purple surveillance-grade hard drive comes pre-installed and ready to record.

Each camera features a 2.8 mm wide-angle lens, 20 m infrared night vision, built-in microphone, and IP66 weather protection for dependable indoor and outdoor performance.

The included AI DVR supports 4K HDMI output, up to 18TB of storage, P2P mobile access, ONVIF Profile S/G/T compatibility, and advanced AI functions including human & vehicle detection, license plate detection, facial recognition, line crossing, and perimeter intrusion detection, providing proactive monitoring and simplified security management.

**8MP**  
RESOLUTION

8MP  
Resolution



2.8MM  
Lens

**8MP**  
RESOLUTION

Up to 8MP  
Resolution

**ONVIF**

ONVIF Compliant  
(S/G/T)

**4K**

4K HDMI  
Output



Alarm 8  
In / 1 Out



IR Up to  
20M



Built-in  
Microphone



1HDD included up  
to 2TB



1080P VGA  
Output



P2P Mobile  
Connection



ONVIF  
Encoder

## VIDEO

|                           |                                                   |
|---------------------------|---------------------------------------------------|
| Imaging Device            | 1/2.7" Progressive CMOS                           |
| Total Pixels              | 3872 (H) × 2180 (V)                               |
| Effective Pixels          | 3840×2160                                         |
| Scanning System           | Progressive scan CMOS                             |
| Min. Illumination         | Color 0.06 lux @ F1.6 (AGC on); B/W 0 lux (IR on) |
| Video Output              | BNC                                               |
| Resolution                | 8MP 3840×2160                                     |
| Max. Framerate            | 8MP@15fps (AHD/TVI/CVI)                           |
| Focal Length (Zoom Ratio) | 2.8 mm                                            |
| Max Aperture Ratio        | F2.0                                              |
| Angular Field of View     | H 102° / V 54.7° / D 124.4°                       |
| Min. Object Distance      | 0.8 m                                             |
| Lens Type                 | Fixed                                             |

## LAWS AND REGULATIONS

|        |             |
|--------|-------------|
| Safety | CE LVD      |
| EMC    | CE EMC, FCC |
| ROHS   | RoHS2.0     |

## OPERATIONAL

|                             |                         |
|-----------------------------|-------------------------|
| Audio                       | Audio over coaxial      |
| Audio Range                 | 7 m                     |
| IR Distance                 | 20 m                    |
| On Screen Display           | English                 |
| Day & Night                 | Ext / Color / B/W       |
| Backlight Compensation      | GLOBAL / BLC            |
| Wide Dynamic Range          | N/A                     |
| Digital Noise Reduction     | 2D DNR                  |
| Gain Control                | Auto                    |
| White Balance               | ATW                     |
| Electronic Shutter Speed    | Auto                    |
| Reverse                     | Mirror                  |
| Remote Control Interface    | ACP (AHD Coax Protocol) |
| Video Transmission Distance | 300 m (RG-6)            |
| Analog Signal Types         | TVI, CVI, AHD, 960H     |

## GENERAL

|                                 |                                |
|---------------------------------|--------------------------------|
| Operating Temperature/ Humidity | -30°C to +55°C / ≤ 90% RH      |
| Ingress Protection              | IP66                           |
| Input Voltage/ Current          | DC12V                          |
| Power Consumption               | ≤ 1 W (IR off) / ≤ 4 W (IR on) |
| Color/Material                  | Black / Metal                  |
| Dimension (WXHXD)               | Ø100×90 mm                     |
| Weight                          | 300 g                          |

## RECORDING BANDWIDTH

|                           |                                                           |
|---------------------------|-----------------------------------------------------------|
| <b>Inputs</b>             | 32-96 Mbps (hybrid: +8 Mbps per analog channel converted) |
| <b>Out</b>                | 96 Mbps                                                   |
| <b>Analog-video-input</b> | 8CH Inputs                                                |

## LIVE

|                              |                                      |
|------------------------------|--------------------------------------|
| <b>IP Video Input</b>        | 4ch, (only IP up to 12ch)            |
| <b>Composite Video Input</b> | Up to 12ch (Analog video + IP video) |

## PERFORMANCE

|                           |                                                                                    |
|---------------------------|------------------------------------------------------------------------------------|
| <b>Compression</b>        | Audio: G.711a<br>Video: H.265/H.264                                                |
| <b>Display Resolution</b> | 8MP (15fps)<br>5MP (20fps)<br>4MP/1080P/720P/960H (30fps)<br>IP                    |
| <b>Speed</b>              | 4k: 30; 4mp: 18; 5mp: 14; 8mp: 10; 1080p: 240                                      |
| <b>Event</b>              | MD (Sensitivity Level 1~8) Video loss Beep, Email, Push notification to Mobile APP |
| <b>Playback Function</b>  | Fast forward / backward (2x, 4x, 8x,16x) Slow forward (1/2x, 1/4x, 1/8x,1/16x)     |
| <b>Playback</b>           | 4MP: 144fps; 5MP: 112fps; 8MP: 72fps; 1080P: 240fps                                |
| <b>Playback Channels</b>  | 8                                                                                  |

## AI FUNCTIONS INSTANT NOTIFICATIONS

|                               |                             |
|-------------------------------|-----------------------------|
| Perimeter Intrusion Detection | Face Detection              |
| Line Crossing Detection       | Stationary Object Detection |
| Human & Vehicle Detection     | Crowd Density Detection     |
| License Plate Detection       | Rare Sound Detection        |
| Noise Detection               | Queue Length Detection      |
| Video Tampering               |                             |

**AI MAX CAPTURED QUANTITY** 200,000 **AI REGISTERED QUANTITY** 10,000

**\*THESE AI FEATURES ONLY WORK WITH IP CAMERAS, OR ANALOG CAMERAS WITH 2MP OR MORE**

## UI/MONITORING

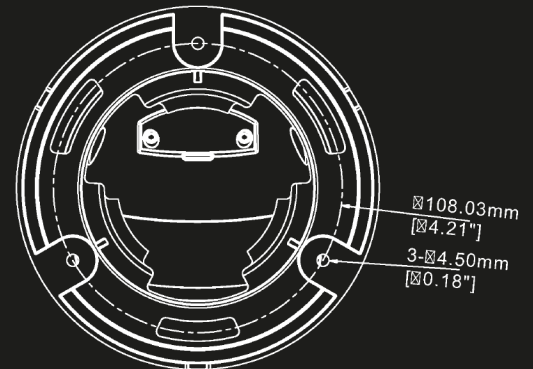
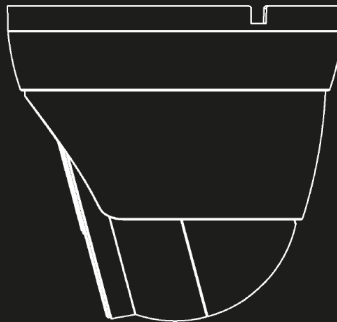
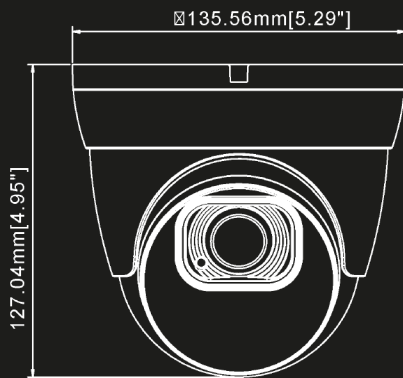
|                          |                                                           |
|--------------------------|-----------------------------------------------------------|
| <b>Local</b>             | UI5.0                                                     |
| <b>Web</b>               | IE 10/11, Chrome 57+, Firefox 52+, Safari 12.1+, Edge 79+ |
| <b>Mobile Viewer</b>     | OV CONNECT                                                |
| <b>Push Notification</b> | Yes                                                       |
| <b>P/W Reset</b>         | Factory Reset: Press 10 seconds                           |
| <b>BNC</b>               | 1                                                         |
| <b>VGA</b>               | 1                                                         |
| <b>HDMI</b>              | 1                                                         |
| <b>Ethernet</b>          | 1× RJ45 (100/1000BASE-T)                                  |
| <b>USB</b>               | USB2.0*1(front) USB3.0*1+(rear)                           |
| <b>Audio</b>             | 8 in / 1 out                                              |
| <b>HDD</b>               | 1 SATA HDD, up to 18TB<br>2TB HDD Included                |
| <b>RS485</b>             | 1                                                         |
| <b>Alarm input/out</b>   | 8 in / 1 out                                              |

## GENERAL

|                                                |                         |
|------------------------------------------------|-------------------------|
| <b>OSD Language</b>                            | EN/FR/ES/DN/TC/IN/JP/KR |
| <b>Dimension (W×D×H)</b>                       | 300×219.7×52.5 mm       |
| <b>Input Voltage/Current</b>                   | DC12V/2A                |
| <b>Power Consumption (Excluding Hard Disk)</b> | 11 W                    |
| <b>Operating Temperature/ Humidity</b>         | -10°C to +50°C          |

## DIMENSIONS

Length: 219.7 mm | Width: 300 mm | Height: 52.5 mm



## COMPATIBLE ACCESSORIES



### BALUNHDA+

VIDEO/POWER/AUDIO OVER CAT5

|                 |                    |
|-----------------|--------------------|
| <b>DISTANCE</b> | 400+               |
| <b>FORMAT</b>   | PIGTAIL            |
| <b>DETAILS</b>  | VIDEO POWER AUDIO  |
| <b>PACKAGE</b>  | PAIR               |
| <b>TECHNO</b>   | TVI/CVI/AHD/ANALOG |



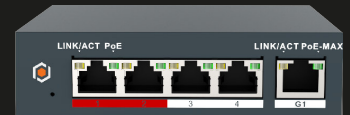
### BALUNHD

BALUNHD OVER TWISTED PAIR

|                 |                    |
|-----------------|--------------------|
| <b>DISTANCE</b> | 700+ FEET          |
| <b>FORMAT</b>   | PIGTAIL            |
| <b>DETAILS</b>  | 2MP/5MP/8MP        |
| <b>PACKAGE</b>  | PAIR               |
| <b>TECHNO</b>   | TVI/CVI/AHD/ANALOG |



**SWC5POE-GIGA**  
POE SWITCH



**SWC5POE-MAN**  
POE SWITCH



**WD PURPLE PRO**  
UP TO 2TB HARD DRIVE



**WD PURPLE PRO**  
UP TO 4TB HARD DRIVE



**WD PURPLE PRO**  
UP TO 8TB HARD DRIVE

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RoHS COMPLIANT



NDAA COMPLIANT

### CONNECTION & INTERFACES



HS CODE



UPC CODE



ONVIF COMPLIANT



4K HDMI Output

DOWNLOAD THE OV CONNECT APP



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