

# 5MP 4 CHANNEL ANALOG KIT



The KIT4AIO5MP-AI-1T is a complete surveillance solution designed for reliable protection in residential and small commercial environments. It includes 4× TEBF28AIO-5MP HD Analog Eyeball Cameras and 1× GSD-DVRFNC4K-04-N-AI Digital Video Recorder, delivering crisp 5MP video. A 1TB 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 DVR supports 4K HDMI output, up to 18TB of storage, P2P mobile access, ONVIF Profile S/G/T compatibility, and motion detection with email and push notifications, providing reliable monitoring and simplified security management.

**5MP**  
 RESOLUTION

 5MP  
 Resolution

 2.8MM  
 Lens

 IR Up to  
 20M

 Built-in  
 Microphone

**8MP**  
 RESOLUTION

 Up to 8MP  
 Resolution

 1HDD included up  
 to 1TB

**Onvif**

 ONVIF Compliant  
 (S/G/T)

 1080P VGA  
 Output

**4K**

 4K HDMI  
 Output

 P2P Mobile  
 Connection

 Alarm 4  
 In / 1 Out

 ONVIF  
 Encoder

**VIDEO**

|                           |                                                   |
|---------------------------|---------------------------------------------------|
| Imaging Device            | 1/2.7" Progressive CMOS                           |
| Total Pixels              | 2608 (H) ×1960 (V)                                |
| Effective Pixels          | 2608×1960                                         |
| Scanning System           | Progressive scan CMOS                             |
| Min. Illumination         | Color 0.04 lux @ F1.6 (AGC on); B/W 0 lux (IR on) |
| Video Output              | BNC                                               |
| Resolution                | 5MP 2592×1944                                     |
| Max. Framerate            | 5MP@20fps 4AHD/4CVI/4TVI                          |
| Focal Length (Zoom Ratio) | 2.8 mm                                            |
| Max Aperture Ratio        | F1.6                                              |
| Angular Field of View     | H 111.4° / V 58.8° / D 134°                       |
| Min. Object Distance      | 1.8 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      | 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                  | White / Metal                  |
| Dimension (WXHXD)               | Ø100×90 mm                     |
| Weight                          | 410 g                          |

## RECORDING BANDWIDTH

|                           |                                                           |
|---------------------------|-----------------------------------------------------------|
| <b>Inputs</b>             | 12–36 Mbps (hybrid: +6 Mbps per analog channel converted) |
| <b>Out</b>                | 48 Mbps                                                   |
| <b>Analog-video-input</b> | 4CH Inputs                                                |

## LIVE

|                              |                                     |
|------------------------------|-------------------------------------|
| <b>IP Video Input</b>        | 2ch, (only IP up to 6ch)            |
| <b>Composite Video Input</b> | Up to 6ch (Analog video + IP video) |

## PERFORMANCE

|                            |                                                                                    |
|----------------------------|------------------------------------------------------------------------------------|
| <b>Installation Wizard</b> | Yes                                                                                |
| <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: 60; 5mp: 48; 8mp: 28; 1080p: 120                                      |
| <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: 60fps; 5MP: 48fps; 8MP: 28fps; 1080P: 120fps                                  |
| <b>Playback Channels</b>   | 2                                                                                  |

## UI/MONITORING

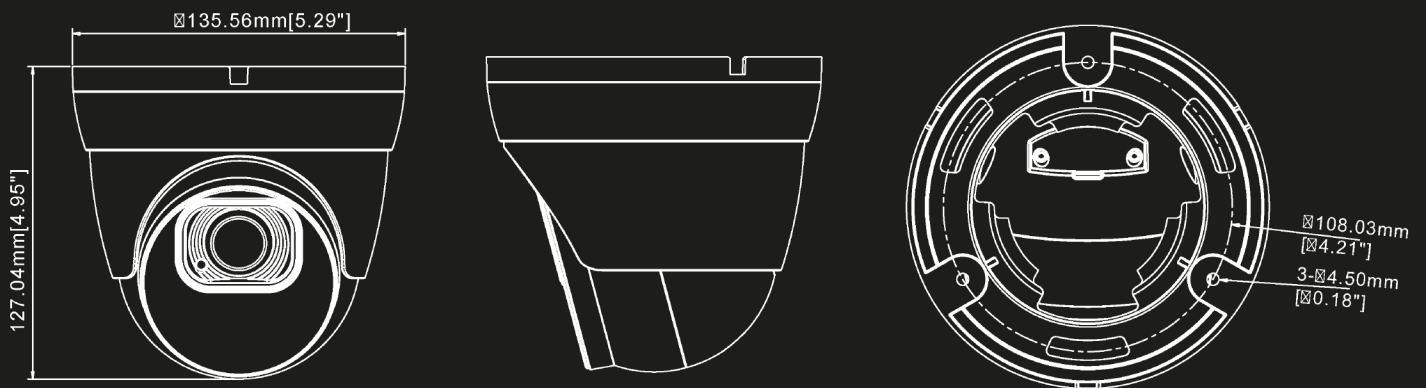
|                          |                                                           |
|--------------------------|-----------------------------------------------------------|
| <b>Local</b>             | UI5.0                                                     |
| <b>Web</b>               | IE 10/11, 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 (10/100BASE-T)                                    |
| <b>USB</b>               | USB2.0*1 (front) USB2.0*1+(rear)                          |
| <b>Audio</b>             | 4 in / 1 out                                              |
| <b>E-SATA</b>            | 1 (optional)                                              |
| <b>HDD</b>               | The recorder can support up to 18TB<br>1TB HDD Included   |
| <b>RS485</b>             | 1                                                         |
| <b>Alarm input/out</b>   | 4 in / 1 out                                              |

## GENERAL

|                                                |                         |
|------------------------------------------------|-------------------------|
| <b>OSD Language</b>                            | EN/FR/ES/DN/TC/IN/JP/KR |
| <b>Dimension (W×D×H)</b>                       | 300×208.7×48 mm         |
| <b>Input Voltage/Current</b>                   | DC12V/2A                |
| <b>Power Consumption (Excluding Hard Disk)</b> | 4.7 W                   |
| <b>Operating Temperature/ Humidity</b>         | 0°C to +40°C            |

## DIMENSIONS

Length: 208.7 mm | Width: 300 mm | Height: 48 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 |



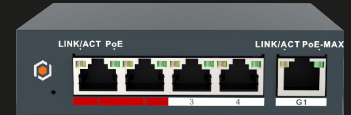
### BALUNHD

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 1TB HARD DRIVE



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



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

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### COMPLIANCE



CE MARKING



FCC CERTIFICATE



RoHS COMPLIANT



NDAA COMPLIANT

### CONNECTION & INTERFACES



HS CODE



UPC CODE



ONVIF COMPLIANT



4K HDMI Output

DOWNLOAD THE OV CONNECT APP



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