

5MP 4 CHANNEL AI DVR KIT

Onvif® | G S T | NDA Compliant | AI



The **KIT4AIO5MP-AI-B** is a complete AI-powered 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 with intelligent AI analytics.

Each camera features a 2.8mm wide-angle lens, 30m 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 16TB of storage, P2P mobile access, ONVIF 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.

5MP
RESOLUTION



5MP
Resolution

2.8MM
Lens



IR Up to
30M



Built-in
Microphone

8MP
RESOLUTION

Up to 8MP
Resolution



1HDD slot up to
16TB

Onvif

ONVIF Compliant
(G/S/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 (H) × 1960 (V)
Scanning System	progressive scanning
Min. Illumination	Color 0.04lux @ F1.6(AGC ON) ; B/W 0 lux @ IR ON
Video Output	BNC
Resolution	5MP 2592(H) × 1944(V)
Max. Framerate	5AHD/5TVI: 5MP@20fps 4AHD/4CVI/4TVI:P@25fps N@30fps 2AHD/2CVI/2TVI:P@25fps N@30fps CVBS: 960H
Focal Length (Zoom Ratio)	2.8MM
Max Aperture Ratio	F1.6
Angular Field of View	H:111.4° / V:58.8° / D:134°
Min. Object Distance	1.8m
Lens Type	Fixed lens

LAWS AND REGULATIONS

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

OPERATIONAL

Audio	Audio over coaxial
Audio Range	7M
IR Distance	20M
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	MAX 300M (RG-6)

GENERAL

Operating Temperature/ Humidity	-30°C ~ 55°C / 90%
Ingress Protection	IP66
Input Voltage/ Current	12V DC
Power Consumption	IR OFF ≤1W, IR ON ≤4W
Color/Material	Metal
Dimension (WXHXD)	Ø100x90mm
Weight	appr 410g

RECORDING BANDWIDTH

Inputs	12Mbps ~36Mbps IP Bandwidth default is 12Mbps, decrease one Analog channel can increase 6Mbps Total decoding performance 4K 30fps
Out	48Mbps
Analog-video-input	4CH Inputs

LIVE

IP Video Input	2ch,(only IP up to 6ch)
Composite Video Input	Up to 6ch (Analog video + IP video)

PERFORMANCE

Installation Wizard	Yes
Compression	Audio: G.711a Video : H.264/H.265
Display Resolution	Yes
Speed	Analog : 8MP (15fps) 5MP (20fps) 4MP/1080P/720P/960H (30fps) IP : 4K/4MP/1080P/720P Single IP channel preview up to 4K 30 fps multi-channel preview only substream
Event	MD (Sensitivity Level 1~8) Video loss Beep, Email, Push notification to Mobile APP
Playback Function	Fast forward / backward (2x, 4x, 8x,16x) Slow forward (1/2x, 1/4x, 1/8x,1/16x)
Playback	8MP: 28fps 5MP: 48ps 4MP: 60fps 1080P: 120fps

FUNCTIONS IA INSTANT NOTIFICATIONS

<i>Human Detection</i>	<i>Region Exiting</i>
<i>Vehicle Detection</i>	<i>Cross-Counting</i>
<i>Perimeter Intrusion Detection</i>	<i>Rare Sound Detection</i>
<i>Line Crossing Detection</i>	<i>Stationary Object Detection</i>
<i>License Plate Detection</i>	<i>Crowd Density Detection</i>
<i>Facial Recognition</i>	<i>Heat Map</i>
<i>Intrusion Detection</i>	<i>Noise Detection</i>
<i>Region Entrance</i>	<i>Video Tampering</i>
<i>Queue Length Detection</i>	INSTANT NOTIFICATIONS
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

Local	UI5.0
Web	IE10/11, Safari V12.1 above, Firefox V.52 above, Google chrome V.57 above Edge V.79 above
Mobile Viewer	SMART GUARDIAN
Push Notification	Yes
P/W Reset	Factory Reset : Press 10 seconds
BNC	1 (704*576)
VGA	1 (1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080)
HDMI	1(1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080 , 2560*1440, 3840*2160/EDID)
Ethernet	1 RJ45 10/100 Base-T
USB	USB2.0*1 (front) USB2.0*1+(rear)
Audio	4 in / 1 out
E-SATA	1 optional, not supported by default
HDD	The recorder can support up to 16TB
RS485	1
Alarm input/out	4 in /1 out

GENERAL

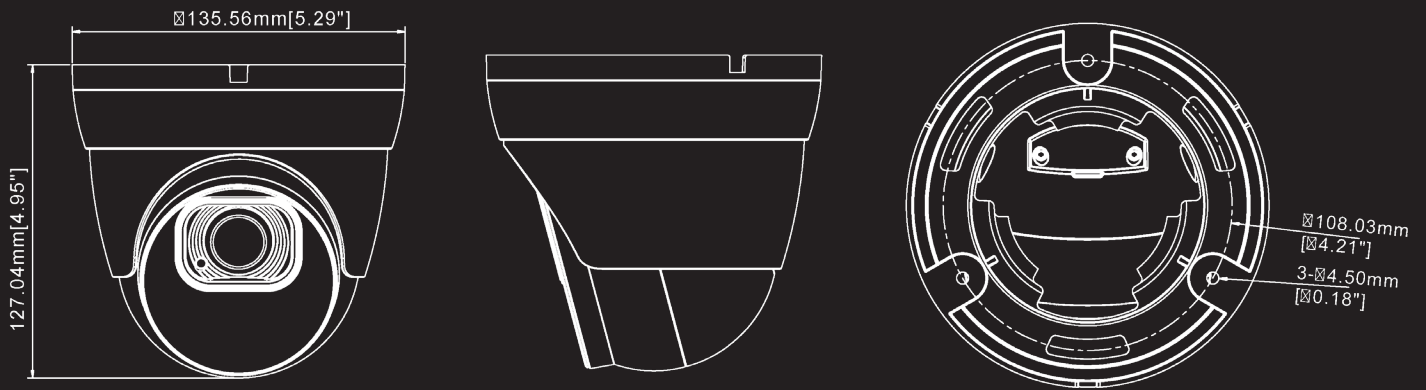
OSD Language	Multiple: EN/FR/ES/DN/TC/IN/JP/KR
Dimension (WXDXH)	300X227X53mm
Input Voltage/Current	DC12V/2A
Power Consumption	4.7W
Operating Temperature/ Humidity	Temperature : 0°C~+40°C (32°F ~ 104°F) Humidity : Less than 90%RH

DIMENSIONS

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



HDMI®
HIGH DEFINITION MULTIMEDIA INTERFACE



COMPATIBLE ACCESSORIES



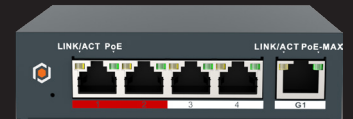
BALUNHDA+

VIDEO/POWER/AUDIO OVER CAT5

DISTANCE	400+
FORMAT	PIGTAIL
DETAILS	VIDEO POWER AUDIO
PACKAGE	PAIR
TECHNO	TVI/CVI/AHD/ANALOG



SWC5POE-GIGA
POE SWITCH



SWC5POE-MAN
POE SWITCH



BALUNHD

BALUNHD OVER TWISTED PAIR

DISTANCE	700+ FEET
FORMAT	PIGTAIL
DETAILS	2MP/5MP/8MP
PACKAGE	PAIR
TECHNO	TVI/CVI/AHD/ANALOG



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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