

8MP 8 CHANNEL WIRELESS AI NVR KIT

Onvif® | G S T | NDAA Compliant | N



The **KIT6WLIP8MP-1T-AI** is a complete wireless AI surveillance solution designed to deliver crystal-clear 8MP Ultra HD video with fast, cable-free installation for residential and commercial applications. The kit includes 6× 8MP Wireless Battery AI Cameras, 1× 8-Channel Wireless AI NVR, and a 1TB hard drive for dependable local recording.

Each camera features AI Human & Vehicle Detection, PIR motion sensing, two-way audio, built-in microphone and speaker, rechargeable battery power, color night vision, and long-range 2.4GHz wireless connectivity for reliable indoor and outdoor protection.

The included Wireless AI NVR supports up to 8 wireless cameras, HDMI output up to 4K, H.265/H.265+ video compression, mobile remote viewing, P2P cloud connectivity, and expandable storage up to 8TB, providing intelligent monitoring without network cabling.

8MP
RESOLUTION



8MP
Resolution

2.8MM
Lens



IR Up to
30M



Built-in
Microphone

8MP
RESOLUTION

Up to 8MP
Resolution



1HDD slot up to
1TB

Onvif

ONVIF Compliant
(G/S/T)



1080P VGA
Output

4K

4K HDMI
Output



Mobile
Connection



Alarm 4
In / 1 Out



ONVIF
Encoder



VIDEO

Imaging Device	1/2.8" Progressive CMOS
Total Pixels	3840(H) × 2160(V)
Effective Pixels	3840(H) × 2160(V)
Scanning System	progressive scanning
Min. Illumination	Color 0.04Lux @ F1.6 (AGC ON) B/W 0 Lux @ IR ON
Video Compression Format	H.265
Resolution	8MP (3840 × 2160)
Max. Framerate	Max 8MP @ 15fps (Auto fps, Auto bitrate)
Focal Length (Zoom Ratio)	2.8MM
Lens Type	Fixed Lens
Max Aperture Ratio	F1.6
Angular Field of View	H:112.5° / V:58.8° / D:135°
Min. Object Distance	N/A

WIRELESS FEATURES

Wifi Module	WiFi 2.4G, Internal Antenna, Max 500M
PIR Distance	7M, 120°
IR LED	1PCS IR LED
IR Viewable Length	Up to 20M
Warm White LED	1PCS Warm White LED
Warm Light Viewable Length	Up to 20M
Warning Light	2PCS Red & Green Light LED
Status LED	Yes
Microphone	Yes
Speaker	Internal 1PCS
SD Card Slot	Internal SD Card Slot, Up to 1TB
Battery	Internal 11600mAh

OPERATIONAL

Audio	Built-in Microphone & Speaker
Audio Range	7M
IR Distance	20M
Day & Night	Color Mode / Day & Night Mode
Digital Noise Reduction	3D DNR
Gain Control	Auto
White Balance	Auto
Electronic Shutter Speed	Auto
Reverse	Mirror
Remote Control Interface	APP, CVMS Lite
Video Transmission Distance	WiFi 2.4G, Internal Antenna, Max 500M
AI Function (NEW)	PIR + Human Detection, PIR + Vehicle Detection

GENERAL

Operating Temperature/ Humidity	-20°C ~ +50°C / Less than 90% RH Startup: -10°C ~ +50°C
Ingress Protection	IP66
Input Voltage/ Current	DC5V, Type-C Interface
Power Consumption	Max. 3.26W
Battery	Internal 11600mAh





8CH WIRELESS VIDEO RECORDER

MODEL #

1x ?

VIDEO

Resolution	3840 × 2160 (8MP)
Input	8CH (WiFi 2.4G, max. 500m)

LIVE

Frame Rate	Max 3MP@15fps + 1MP@15fps (Auto FPS, Auto Bitrate) Max 1MP@15fps (Auto FPS, Auto Bitrate) 4K / 2K / 720P (Automatic three-level stream adjustment)
Multi-Screen Display	1 / 4 / 9

PERFORMANCE

Operating System	Embedded Linux
Network Module	Dual Band WiFi (2.4GHz & 5GHz)
Installation Wizard	Supported
Compression	Video: H.265 / H.264 Audio: ACC / G.726 / G.711a
Recording Bandwidth	Max. Up to 32Mbps
Max. Remote Users	7 (1 Admin + 6 Users)

RECORDING

Recording	Dual Streaming Recording
Frame Rate	Max 3MP@15fps + 1MP@15fps (Auto FPS, Auto Bitrate) Max 1MP@15fps (Auto FPS, Auto Bitrate)
Event Type	Human Detection, Vehicle Detection, Motion Detection + PIR (Sensitivity Level 0-100), HDD Full, HDD Failure, Video Loss, Low Battery
Motion Zone	Selectable Square
Privacy Zone	4 Areas
Overwrite Mode	Off / On
HDD Full Event	Email, Push Notification to Mobile APP
Pre-event	N/A
Post-event	10s / 20s / 30s / Continuous

NETWORK

Transmission Bandwidth	Max. Up to 32Mbps
Live Stream	Main Stream: H.265 Max 3MP@15fps + 1MP@15fps (Auto FPS, Auto Bitrate) Max 1MP@15fps (Auto FPS, Auto Bitrate)
Protocol Support	TCP/IP, UDP/IP, RTP (UDP), RTP (TCP), RTSP, NTP HTTP, DHCP, SMTP, DNS, DDNS

UI

Local / CMS	New UI
Remote Monitoring	WEB / APP / CMS
P/W Reset	Yes
LED	Power: Green Record: Red Network: Blue
BEEF	Yes
Dropbox	Supported (Dropbox API 2.0)
FW Upgrade	Network Upgrade via Web Server USB Upgrade

STORAGE

Internal SD Card Slot	1 × SD Card (Max. 1TB)
Internal HDD	1 × 2.5" HDD (Max. 8TB)
USB (Backup)	Yes
File Format (Backup)	LF, MP4

INTERFACE

Video Output (HDMI)	1280×720 1280×1024 1920×1080 2560×1440 3840×2160 EDID (Automatic Detection) Monitor Resolution
Ethernet	1 × RJ45 10/100 Base-T
Wifi	2.4GHz / 5GHz
USB	2 × USB 2.0 (Mouse & Backup/Upgrade)
Audio Out	N/A
Application Support	USB Mouse





8CH WIRELESS VIDEO RECORDER

MODEL #

1x ?

SEARCH & PLAYBACK

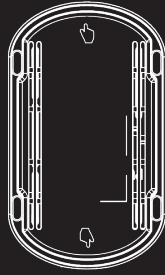
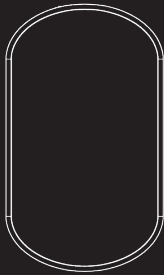
Search Mode	Date / Time / Event
Playback Function	Stop, Pause, Play, Fast Forward (2×, 4×, 8×) Slow Forward (1/2×, 1/4×, 1/8×), Step Forward / Backward
Playback	Event Playback
Playback Frame Rate	Single Channel: Max 8MP@15fps (Auto FPS) Multi Channel (8CH): Max 2MP@15fps (Auto FPS, Auto Bitrate)

GENERAL

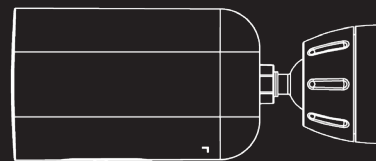
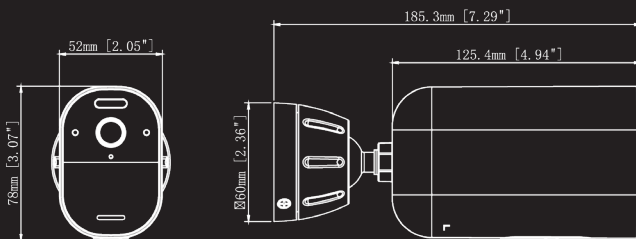
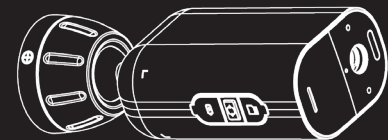
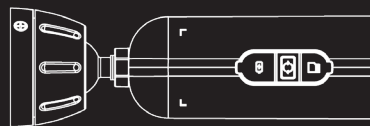
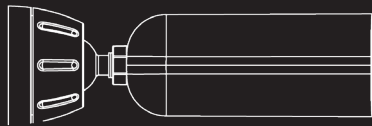
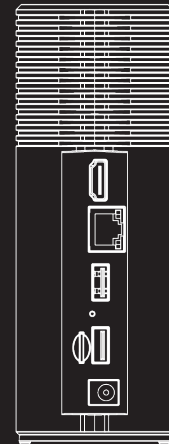
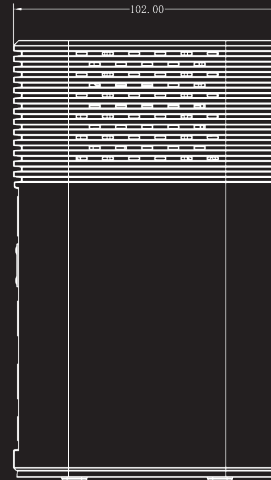
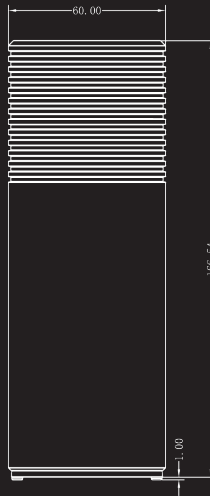
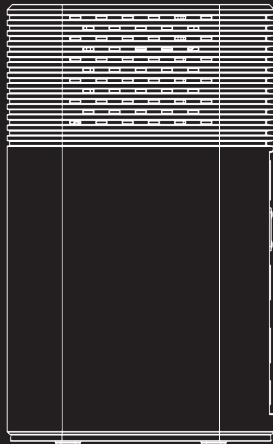
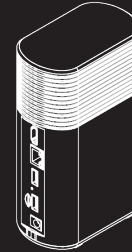
OSD Language	English,French,Spanish,Greek,Italian,Russian
Dimension	60 × 102 × 166.54 mm
Weight	325 g
Input Voltage	DC12V / 2A
Power Consumption	Max. 14W
Operating Temperature	0°C ~ +40°C (32°F ~ 104°F)
Humidity	20% ~ 85% RH



DIMENSIONS



Unit: mm



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