

4CH Wi-Fi NVR Security Kit

Model: EV-TU-1004-WF-BD-009

Complete 4-channel Wi-Fi NVR surveillance kit featuring dual Wi-Fi channel technology, IPC cascading configuration, and Tuya APP connectivity. The kit includes a 4CH 1-SATA Wi-Fi NVR, 2× dome cameras, and 2× bullet cameras — all with 2MP resolution, smart AI detection (human, vehicle, pet, face, package), two-way audio, and full accessory set for a fast, plug-and-play home or small business installation.



Key Features

- Supports up to 4CH camera access (2MP/D1 + 4-ch live view + 4CH playback)
- Supports manual Wi-Fi IPC search and addition
- Dual Wi-Fi channel technology supported
- Supports IPC cascading configuration
- Tuya APP supported
- Smart capture & AI Detection: Human, Vehicle, Pet, Face, and Package
- Two-way audio communication; supports customized voice broadcast via APP/NVR
- Sound and light alarm; supports screen pop-up alerts, front speaker and microphone
- Supports search by image function
- Multi-language GUI & APP supported
- Supports point-to-point intercom and recording, and point-to-multi point broadcast across NVR, APP, and IPC

Technical Specification

Category	Item	Specification
Camera Parameters	Model	ZW-34E
	Main Processor	T33
	Image Sensor	1/3.2" 2MP Progressive Scan Low-Illumination CMOS
	Lens	F1.6 / 4mm Fixed Lens
	Light Mode	IR Night Vision / Full-Color Night Vision / Smart Night Vision
	Light Brightness	Auto / Off supported; Adjustable brightness from 0 to 100
	Image Flip	Normal / Horizontal Mirror / Vertical Mirror / 180° Rotation
	Light Control Strategy	Humanoid Target Light Focusing
	Backlight Mode	Highlight Suppression (HLC) / Backlight Compensation (BLC) / Off
AI Smart Events	Human Detection	24/7 & Night Arming modes; customizable weekly schedule (4 slots/day); 1 polygon detection zone (6 points); linkage: Light / Sound Alarm
	Vehicle Detection	24/7 & Night Arming modes; customizable weekly schedule (4 slots/day); 1 polygon detection zone (6 points); linkage: Light / Sound Alarm
	Pet Detection	24/7 & Night Arming modes; customizable weekly schedule (4 slots/day); 1 polygon detection zone (6 points); linkage: Light / Sound Alarm
	Face Detection	24/7 & Night Arming modes; customizable weekly schedule (4 slots/day); 1 polygon detection zone (6 points); linkage: Light / Sound Alarm
	Package Detection	24/7 & Night Arming modes; customizable weekly schedule (4 slots/day); 1 polygon detection zone (6 points); linkage: Light / Sound Alarm
Audio & Video Encoding	Video Compression	H.265
	Main Stream	2MP (1920×1080) @ 25fps
	Sub Stream	864×480 @ 25fps
	Image Quality	High / Medium / Low
Network Features	Interface Protocol	FLINK Protocol
	Abnormal Detection	Network Disconnection, IP Conflict, Unauthorized Access Alarms
	OSD Overlay	Time OSD / Title OSD
NVR Parameters	Solution	A1N
	System Structure	Embedded LINUX architecture, Pure Hardware Decoding, Watchdog, HDD Storage, HDMI HD Display, IP Video Input

Category	Item	Specification
	Network Video Bandwidth	80 Mbps Access Bandwidth
	Video Output	1× HDMI output, 1× VGA output (simultaneous source with HDMI); Resolutions: 3840×2160, 1920×1080, 1440×900, 1280×1024, 1280×800, 1024×768
	Preview Capabilities	Supports IMS Client Preview; Supports APP Instant Connection Preview; Multi-screen split: 1/2/4 live view
	Recording Resolution	720P / 960P / 1080P / 3MP / 4MP / 5MP / 4K
	Video Decoding	H.265 Decoding; NVR synchronous playback: 4CH (1×4K); IMS Client remote playback: up to 4CH
	Audio Specs	Standard G.711; supports HDMI audio output, 3.5mm audio output jack, 3.5mm audio input jack; supports IMS Client AV preview and playback
	Storage Management	1× SATA interface, up to 16TB capacity per HDD; recording modes: Schedule, Alarm, Schedule+Alarm (Human, Vehicle, Pet, Face, Package detection); supports external USB backup (USB flash drive, mobile HDD)
	User Management	Supports up to 32 local users
	Network Interface	1× RJ45 10/100M self-adaptive Ethernet port; protocols: TCP/IP, IPv4, DHCP, NTP, RTSP, ONVIF, P2P, etc.
	Peripheral Interface	2× USB 2.0 ports (rear); functions: mouse, USB upgrade, config import/export
	Wi-Fi Interface	Wi-Fi 6 Dual-Band
	Front Panel	3 status LED indicators: Power, Recording, Network Transfer
	Buzzer	Built-in buzzer alarm supported
	Functions & Services	Preview / Recording / Forwarding / Remote Service, Alarm Linkage, IMS Client Software, P2P Cloud Service
	Operating Temperature	–20°C to +50°C
	Operating Humidity	10% to 90% RH
	Dimensions	200 × 165 × 55 mm (W×D×H), wall-mountable
Package Contents	NVR	1× 4CH 1-SATA Wi-Fi NVR
	Cameras	2× D048 Dome Cameras (White, Plastic Housing) + 2× B057 Bullet Cameras (White, Metal Front Cover + Plastic Body)
	Network Cable	1× 1.5m Ethernet Cable
	Mouse	1× USB 2.0 Optical Mouse
	Hard Drive	Not included (optional)
	Power Adapters	4× DC 12V 1A Power Adapters (for IPC), 1× DC 12V 2A Power Adapter (for NVR)