

AKClaw Panel Agentic Panel

AKClaw Panel is the world's first GMS-certified Android 14 agentic panel with native OpenClaw integration, it combines surveillance, intercom, natural language understanding, long-term memory, offline voice control, instant messaging interaction, NVR anomaly analysis, third-party device management, and sensor-triggered response into one proactive agentic panel.



Native OpenClaw
Integration



Android



Multimodal Interaction



PoE

Key Benefits

Surveillance and Intercom Combined

AKClaw Panel integrates live surveillance, video intercom, door access, and OpenClaw-assisted security workflows into one sleek interface, supporting up to 25 camera feeds via HDMI-connected NVRs.

Effortless Multimodal Interaction

Users can control homes through natural language, offline voice commands, and instant messaging channels such as WhatsApp, Telegram, Slack, and Discord.

Google-Certified Versatility

As a GMS-certified Android 14 agentic panel, AKClaw Panel combines the Android ecosystem with OpenClaw's natural language understanding and long-term memory.

Unified Third-Party Device Management

Powered by the OpenClaw ecosystem, AKClaw Panel enables centralized control of third-party devices through an expanding library of skills.

Proactive NVR Synergy

With third-party NVR integration, AKClaw Panel uses LLMs to analyze anomalies in real time and push intelligent alerts with suggested response measures.

Omni-Sensing & Intelligent Strategy

By integrating external sensors, AKClaw Panel detects risks, triggers LLM-powered alerts, and coordinates smart-home devices for proactive remote intervention.

Specifications

Physical & Power

Front Panel	Premium aluminum
Memory	8GB RAM / 32GB ROM
Operating System	Android 14
Wi-Fi	IEEE 802.11 b/g/n/ax (Wi-Fi 6)
Bluetooth	5.3
Ethernet	2x RJ45 ports (10/100Mbps adaptive)
RS485	Supported
Relays Out	2
Bell Input	1
Alarm Input	8
HDMI Input	1
Power	802.3at PoE+ or 12V DC
Installation	Wall-mounted or desktop
Dimensions	360 × 210 × 21 mm
Humidity	10% ~ 90%RH
Temperature	-10°C to +45°C
Storage Temperature	-20°C to +70°C

Specifications

Touch Screen Display

Type	Normally black, transmissive IPS LCD
Size	15.6 inches (diagonal)
Aspect Ratio	16:9
Resolution	1920 × 1080 (Full HD)
Contrast Ratio	1000:1
Brightness	250 cd/m ² , auto-adjustable
Viewing Angles	89° (Left/Right/Upper/Lower)
Touch Technology	Projected capacitive

Video

Camera	5 MP
Streaming Formats	H.263, H.264
CCTV Integration	1 × HDMI port, supports up to 25 live camera feeds

Audio

Microphones	Quad array, -38 dB sensitivity
Speakers	Quad, 8Ω / 4W
SIP Protocols	SIP v1 (RFC2543), SIP v2 (RFC3261) for seamless PBX integration
Audio Codecs	Narrowband: G.711a, G.711u, G.729 Broadband: G.722
DTMF Support	In-band, out-of-band (RFC2833), SIP Info
Audio Features	Two-way audio communication Acoustic Echo Cancellation (AEC) Voice Activity Detection (VAD) Comfort Noise Generation (CNG) Automatic Gain Control (AGC) Voice modulation

Networking

Supported Protocols	IPv4, IPv6, HTTP, HTTPS, FTP, TFTP, SNMP, DNS, SNTP, RTSP, SRTP, RTP, TCP, UDP, TLS, ICMP, DHCP, ARP
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Deployment & Maintenance

Auto-provisioning for streamlined setup
Web-based management portal, packet dump, configuration backup/restore, firmware upgrades
System and door access logs

AI Voice Assistant

Pickup Range	Up to 5 meters
Recognition Accuracy	Up to 95%
Language Support	English

Applications

Luxury villas
Apartment complexes
Home automation systems
Modern interior environments