

X937 Surveillance + Intercom AI Monitor

The X937 is a 15.6-inch indoor monitor running Android 14 OS. As the first smart indoor monitor of its kind, X937 functions as both a security and intercom monitor. It offers a smart voice assistant that responds to natural language commands, such as "Show me the front door camera feed." Certified by Google, it offers smooth operation of applications through its native app store, delivering a versatile and user-friendly experience.



- LLM Voice Assistant
- Android
- Security Camera Feeds
- PoE

Key Benefits

Surveillance and Intercom Combined

The X937 seamlessly integrates surveillance and smart intercom into a sleek interface. Its 15.6-inch display supports up to 25 live camera feeds via HDMI-connected NVRs while managing video intercom calls and door access with ease.

Natural Language Voice Control

The Akuvox AI Voice Assistant, powered by a large language model, understands contextual speech, moving beyond rigid commands. Control the X937 or integrated third-party systems, such as NVRs or smart home devices, using natural language.

Google-Certified Versatility and Security

With Google GMS certification, the X937 provides access to millions of Google Play apps, expanding its functionality to include streaming, productivity, and entertainment. Robust security is ensured through Google's stringent standards and Akuvox's defense-in-depth architecture, delivering uncompromising protection.

Premium Hardware Engineered for Excellence

- 15.6-inch Full HD display with ultra-narrow bezels for immersive visuals
- 6 TOPS NPU for seamless third-party app performance
- Quad microphones and speakers for precise voice capture and rich audio, even in noisy environments

Specifications

Physical & Power

- Front Panel:** Premium aluminum
- Memory:** 8GB RAM / 32GB ROM
- Operating System:** Android 14
- Connectivity:**
 - Wi-Fi: IEEE 802.11 b/g/n/ax (Wi-Fi 6)
 - Bluetooth: 5.3
 - Ethernet: 2x RJ45 ports (10/100Mbps adaptive)
- Ports:**
 - 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
- Operating Conditions:**
 - Humidity: 10–90%
 - 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/m², 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

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

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