

Premium touch screen for your home

The Smart Panel Pro C319H with an Android 9.0 operating system, as a smart home center, provides HD audio and video communication via SIP 2.0 protocol and can work with Zigbee devices via Zigbee 3.0. It delivers the ultimate touch screen experience in an unobtrusive, space-saving design featuring a brilliant 10-inch capacitive touch screen display.

***At a Glance***

- 10-inch capacitive touch screen with energy saving mode;
- Excellent performance with Android 9.0 system;
- A real smart home center with Zigbee 3.0;
- Dual speaker give more HD communication;
- 1M pixels camera for better home security;
- Bluetooth and Wi-Fi features built-in;
- Powered by PoE or external source;

Physical & Power

- Front panel: Plastic
- RAM / ROM: 2GB / 8GB
- Display: 10 Inch IPS LCD
- Screen: 10 Inch capacitive touch screen
- Wi-Fi: IEEE802.11 b/g/n, @2.4GHz
- Bluetooth: Bluetooth 4.2
- ZigBee: ZigBee 3.0
- Memory slot: 1 Micro SD slot
- RS485 port: Support
- Relays out: 2
- Bell in: 1
- IO: 8
- Camera: 1MP camera, CMOS
- Microphone: -26dB
- Speaker: Dual speakers, 4Ω / 3W
- Ethernet ports: 1xRJ45, 10/100Mbps adaptive
- 802.3af Power-over-Ethernet
- 12V DC connector (if not using PoE)
- Tamper resistant: Support
- Installation: Wall-mounted & Desktop
- Dimension: 251x182.5x29.75mm
- Working Humidity: 10~90%
- Working Temperature: -10°C ~ +45°C
- Storage Temperature: -20°C ~ +70°C

Touch Screen Display

- Display Mode: Normally black, Transmissive
- LCD Size: 10inch (Diagonal)
- Aspect Ratio: 16:10
- Resolution: 1280x800
- Contrast ratio: 900:1
- Luminance: 350 cd/m²
- Viewing Angle: 80° Left, 80° Right,
80° Upper, 80° Lower
- Touch Screen: Projected capacitive

Audio

- SIP v1 (RFC2543), SIP v2 (RFC3261)
- Narrowband audio codec: G.711a, G.711μ, G.729
- Broadband audio codec: G.722
- DTMF: In-band, out-of-band DTMF (RFC2833),
SIP Info
- Echo Cancellation
- Voice Activation Detection
- Comfort Noise Generator
- Automatic Gain Control

Video

- Streaming formats: H.263 & H.264

Networking

- Protocols support: IPv4, HTTP, HTTPS, FTP, TFTP,
SNMP, DNS, SNTP, RTSP, SRTP, RTP, TCP, UDP,
TLS, ICMP, DHCP, ARP, Zigbee3.0

Deployment & Maintenance

- Auto-Provisioning
- Web management portal
- Web-based packet dump
- Configuration backup / restore
- Firmware upgrade
- System logs

Voice Assistant

- Voice pickup distance up to 5 meters
- Voice recognition accuracy up to 95%
- Privacy protection with native voice data
- English only

Application Scenario

- Villas
- Apartment complexes
- Home automation systems
- Home security systems