

Multifunction AI SIP Doorphone

G510S is an AI intercom access control device with exquisite appearance and rich features. It offers a variety of access control modes and UI options for different scenes, such as intercom mode, doorbell mode, able to meet the needs of custom access control solutions for tenants and visitors of office buildings, gate communities and condos.



Highlights

- 5-inch SIP doorphone with Linux system
- High-resolution IPS touchscreen
- 2-mega pixels dual cameras with built-in HDR
- Precise face recognition and liveness detection
- IP65 dust and water Protection
- Smart fill-in light
- Body induction
- Complies with SIP standard for easy integration in every SIP capable PBXes

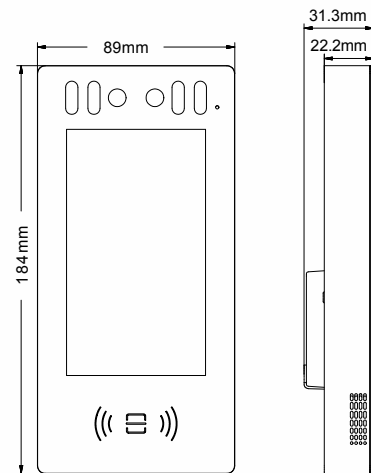
Physical & Power

- Front panel: Plastics
- RAM/ROM: 1GB/8GB
- Display: 5 Inch IPS LCD, 720×1280
- Screen: 5 Inch capacitive touch screen
- RGB Camera: 2M pixels
- IR Camera: 2M pixels
- White light LED: automatic lighting
- Infrared LED: automatic lighting
- Wiegand: Support
- RS485: Support
- RF card reader: 13.56MHz
- Relayout: 1
- I/O Inputs: 2
- Microphone: -42dBV
- Speaker: Speaker, 8Ω/2W
- Bluetooth: Support
- Ethernet ports: 1×RJ45, 10M/100Mbps adaptive
- DC 12~15V/1A connector (if not using PoE)
- 802.3af Power-over-Ethernet
- IP Level: IP65
- Installation: Wall-mounted
- Dimension: 184×89×22.2mm
- Working Humidity: <95%RH
- Working Temperature: -30°C ~ +70°C
- Storage Temperature: -40°C ~ +70°C

◉ NEXhome DH-G510S

Video

- Sensor: 1/2.8", CMOS for RGB camera
- Pixels: CIF, QCIF, VGA, 4CIF, 720p, 1080p
- Video codec: H.264
- Video resolution: up to 1920×1080p
- Dynamic Range: 120dB
- Max. image transfer rate: 1080p - 30fps
- Viewing angle: 90°(D)/82°(H)/51°(V)
- High-intense IR LEDs for fill-in light in dark
- Built-in light sensor to detect environment illumination



Networking

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

Door Entry Feature

- Unlock methods: Face, Card/keyfob, PIN and BLE
- Support live detection to prevent malicious attack such as HD photo and retaken screen
- Support visual human activity detection and real-time video streams analysis, achieve senseless access
- Support HDR, highly improve the facial recognition rate under extreme conditions such as low, strong and back light
- Up to 20,000 facial image data, 98%+ recognition accuracy
- Minimum illumination: 0.1LUX

Deployment & Maintenance

- Auto-Provisioning
- Web management portal
- Web-based packet dump
- Configuration backup/restore
- Entry log export
- Credentials export/import
- Firmware upgrade
- System logs (include door access logs)

Audio

- SIP v2 (RFC3261)
- Audio Codec: G.771a, G.711u, G.729 (Narrowband)
G.722 (Broadband)
- DTMF: In-band, RFC2833, SIP Info
- Echo Cancellation

Scenarios

- Villas
- Apartment
- Office buildings
- Commercial buildings