NEXhome **DH-E20S**

Multifunctional SIP doorphone

DH-E20S is a SIP-based with two-way intercom, access control, and video surveillance functions. With a small and thin body, DH-E20S can be installed in most scenes, even with a narrow door frame.

Highlights

- 1 big call button with 16.77 million-color backlit, card access integrated
- Independent camera and fill-in light design, ensure clear and accurate image
- wall-mount Snap-fit bracket, simple one hand installation
- With tamper-proof alarm
- IP65 dust and water protection
- With Wiegand interface
- Support Bluetooth access
- Support PoE
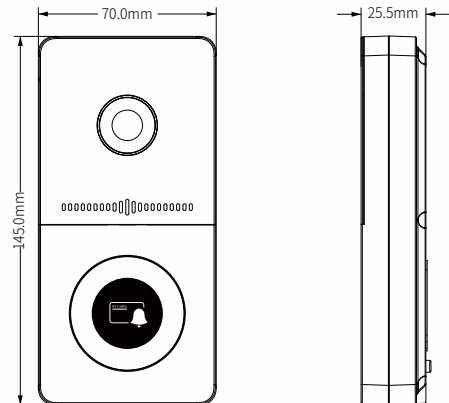- Easy to integrated with SIP systems and services

Physical & Power

- panel: Plastic
- Camera: 2M pixels
- White light LED: Auto
- Button: 1 call button
- Microphone: -42dBV
- Speaker: 4Ω / 2W
- Ethernet: 1×RJ45, 10/100Mbps self-adaptive
- 802.3af Power-over-Ethernet
- DC12V/1A connector (if not using PoE)
- Wiegand: Support
- RS485: Support
- RF card reader: 13.56MHz
- Relay out: 1
- DI Inputs: 2
- IP Level: IP65
- Installation: Wall-mounted
- Dimension: 145×70×25.5mm
- Working Humidity: ≤95%RH
- Working Temperature: -30℃ ~ +70℃
- Storage Temperature: -40℃ ~ +70℃

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Video

- Sensor: 1/4", CMOS
- Pixels: CIF, QCIF, VGA
- Video codec: H.264
- Video resolution: up to VGA
- Viewing angle: 110°(FOV)

Dimensions: 70.0mm × 145.0mm × 25.5mm

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)

Door Entry Feature

- Unlock methods: IC card/keyfob and Bluetooth LE
- Auto-night mode with LED fill-in light
- White balance: Auto
- Minimum illumination: 0.1LUX

Networking

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

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

- Door of office, floor and authorized areas
- Door of villa or apartment unit
- Entrance and spot in remote site
- Emergency tower