NEXhome **DH-T98**

AI-Powered Facial Recognition Android Doorphone

NEXhome T98 is an Android SIP smart doorphone with 7-inch touchscreen, it offers multiple door access methods such as the offline facial recognition. This model is good for multi-family apartment, high-rise commercial buildings and building complexes.

Highlights

- Android OS
- 7-inch high-resolution IPS touchscreen
- 2-mega pixels dual camera with HDR
- Precise face recognition and liveness detection
- Durable vandal-proof glass panel and aluminum frame

- Support card/keyfob access
- Support Bluetooth access
- IP65 dust and water Protection
- Smart fill-in light
- Body induction
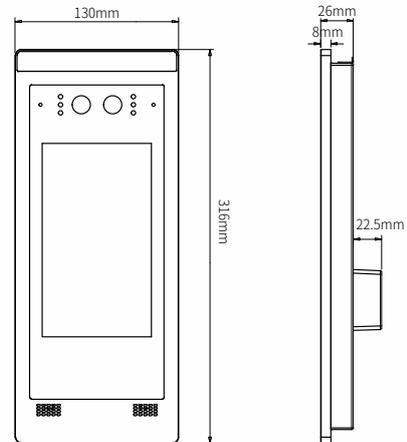- Easy to integrated with SIP systems and services

Physical & Power

- Front Panel: Aluminum alloy
- RAM / ROM: 2GB / 16GB
- Display: 7-inch LCD
- Screen: Capacitive touch screen
- RGB Camera: 2M pixels
- IR Camera: 2M pixels
- White light LED: Auto
- Infrared LED: Auto
- Wiegand: Support
- RS485: Support
- RF card reader: 13.56MHz
- Relayout: 1
- Inputs: 2

- Microphone: -42dBV
- Speaker: Dual speakers, 4Ω / 2W
- Bluetooth: Support
- Ethernet: 1×RJ45, 10/100Mbps self-adaptive
- DC 12V/1.5A connector
- IP Level: IP65
- Installation: Wall-mounted & Flush-mounted
- Wall-mounted DIM: 316×130×33mm
- Flush-mounted DIM: 316×130×8mm
- Dimension: 316×130×26mm
- Working Humidity: ≤95%RH
- Working Temperature: -30℃ ~ +70℃
- Storage Temperature: -40℃ ~ +70℃

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Video

- Sensor: 1/2.8", CMOS
- Pixels: CIF, QCIF, VGA, 4CIF, 720p, 1080p
- Video codec: H.264
- Video resolution: up to 1920×1080p
- Max. image transfer rate: 1080p - 30fps
- Viewing angle: 92°(FOV)
- High-intense IR LEDs for fill-in light in dark
- Built-in light sensor to detect environment illumination

130mm · 26mm · 8mm · 316mm · 22.5mm

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

- Entrance of high-rise buildings
- VIP or C-level room
- High-end house or community
- Self-service kiosk