TASHI

Intercom & Access Control Terminal

TASHI Intercom & Access Control Device

MT200 is an IP based access control terminal featuring video intercom and ID card verification. It serves as a door or gate phone station when working with Elfin home automation system of TASHI product line.

Main Features

• V2oIP based voice and video communication
• Optional built-in 13.56MHz MiFare reader
• Ethernet communication
• CMOS camera with 2M Pixels resolution
• Speaker audio output and Microphone audio input
• Video IP supports SIP with MPEG4 format
• One big door bell touch button
• One relay output, one photo-coupler input

unitech

MT200
Specifications

Performance Characteristics

- OS   WinCE 5.0 (Core Version)
- CPU   Intel Bulverde PXA 270CE 520MHz
- FlashROM   512MB
- SDRAM   128MB
- Keypad   One bell touch pad

Power Management

- Power input   DC 12V/2A

Communication I/O

- RS485   RS485+, RS485-
- Ethernet   One RJ45
- USB   v1.1 Client (for developer only)
- Relay   One relay (2A/30Vdc)
- Digital input   One photo-coupler (3.3V ~ 12V)

Audio/Video

- Camera   Micron CMOS 2M pixels resolution
- Speaker   0.8 watts stereo speaker
- Microphone   Omni direction, -42dB sensitivity, 60d S/N rate

Reader

- MiFare   13.56MHz (ISO14443 A/B & ISO15693)

Outline and Appearance

- Dimension   213.1mm (L)*90mm (W)*40mm(H)
- Weight   305g

Elfin Middleware

- Video Streaming
  - Follow RTSP, RTP/RTCP protocol
  - Audio/Video Codec : G.711 and MPEG4
- VoIP/V2oIP
  - Follow RFC3261 SIP protocol
  - Audio/Video Codec G.711, A/u law, MPEG4
  - SIP phone client : Windows XP, WinCE 5.0 and Mobile 5.0
- Access Control and Time Management

Physical and Environment

- Operation Temperature   14˚F~122˚F (-10˚C~50˚C)
- Storage Temperature   -4˚F~158˚F (-20˚C~70˚C)
- Humidity   5% to 95% RH non-condensing
- IP65 (panel)