

# 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

# 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)

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