



## MT880 Smart Controller

The MT880 is an IP Master Controller designed for both home and enterprise use. Featuring high speed ethernet, wireless communication, and a large capacitive multi-touch screen, the MT880 is equipped with Eflin software to streamline the smart home or office.

### Features

- Ability to run home appliances and access gates via Android and iOS smartphones and tablets
- Time and Attendance (time management)
- Intercom / Access Control
- Video Surveillance / Video Broadcasting
- Voice-data messaging
- Intruder and hazard alarms
- Lighting Controls / Energy Efficient

### Performance

OS	Windows CE 6.0
CPU	TI OMAP3 DM3730 1 GHz
ROM/RAM	512 MB / 512 MB
Keypad	6 function keys + 1 emergency key
Display	10.1" wide angle color touchscreen TFT-LCD, WXGA (1200 x 800)
Reader	MiFare (13.56MHz) ISO 14443A, ISO1443A/4B, ISO 15693, NFC

### Power

Power Input	DC 12V/2A
Backup Battery	One 3V/5.5 mA

### Audio/Video

CCD Camera	Optional CMOS 2 MP resolution
Speaker	1 watt stereo speaker (x2)
Microphone	Omnidirectional, -42 dB sensitivity, 60 dB

### Communication

RS485	RS485+, RS485-
Ethernet	One RJ45 with 10/100 M base
USB	USB 2.0 Host
WLAN	Optional IEEE 802.11 b/g/n

### Physical and Environment

Dimension	7.5 in (H) x 11.4 in (W) x .7 in (D)
Weight	30.3 ounces
Operation Temp	14°F~122°F
Storage Temp	-4°F~158°F
Humidity	10% to 95% RH non-condensing
Environmental Seal	IP42 (front panel)

### Programming SDK

#### Video Streaming

- Monitor real-time video from TASHI line products and IP CAM
- Store video to NAS
- Play recorded video
- Follows RTSP, RTP/RTCP protocol
- Audio/Video Codec: G.711/AMR and MPEG 4/H.264

#### VoIP/V2oIP

- Supports P2P and SIP Proxy
- Follows RFC3261 SIP protocol
- Follows RTP/RTCP/RFC1889/1890 protocol
- Audio/Video Codec: G.711, A/u law, MPEG4/H.264
- SIP phone client: Windows XP, Windows CE 6.0, and Windows Mobile 5.0

#### Zigbee

- Follows 802.15.4 Zigbee stack
- Follows Zigbee Alliance Home Control Profile

#### Additional Features

- Presence Server to log/control all devices on a single terminal
- Remote control/monitor via web
- Windows CE-based I/O drivers, DLLs
- Development languages supported: VB .NET, C++

#### Regulatory Approvals

CE, FCC, BSMI, NCC, CCC, RoHS compliance

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