

Model: TC-400

Electronic Time Clock

The BundyPlus™ TC-400 time clock is the perfect solution for today's small-medium business T&A, Access Control and Job Costing requirements. The TC-400 accurately time stamps all employee activities 24-7 so you're always in control.

Key Hardware Features

- Configurable low cost device.
- Large 4.3" TFT color display (480 x 272 pixel 16million colors).
- Resistive touch screen
- Finger print biometric reader.*
- Track II magnetic swipe card reader.*
- Proximity card reader.*
- Camera.*
- Speaker output
- Relay outputs (meal break siren, door latch)
- Ethernet LAN port(10/100MHz Auto MDIX)
- Wifi LAN port*, GSM/CDMA/PSTN modem.*
- 5 hour operational backup (UPS).*
- ROHS Compliant

Key Software Features

- 10,000+ Employee ID lookup table (two fingerprint enrollment).
- Biometric **v**verification/identification 1 to 500 < 1 second, 500 to 20,000 search <2 seconds.
- Employee messages
- Clock IN/OUT activities
- Configurable language
- Departments
- Job costing
- Access control
- Operates off line and live
- Local support
- Designed & Manufactured in Australia.
- 12 month return to base warranty

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Technical Specifications

Software

Employee database

- Max employees: 10,000
- Up to 20,000 local biometric images
- Employee ID, name, and message length: 30

Costing database

- Max costing codes: 1000
- Max costing code and message length: 30

Card Configuration

- Keypad: Enable or Disable
- Proximity card type selection
- Remove leading zeros: Enable or Disable
- Validation: Enable, Disable
- Card direction (IN/OUT): Enable or Disable

Relay events

- Configurable relay events (meal break notification): 50

Access Control

- Access: Disabled, Only if valid, or Any.
- Relay period: 1-30 seconds

Job Costing

- Prompt: Disabled, Only on IN, Only on OUT, ANY, and manual entry.
- Validation: Enable or Disable
- Fixed costing: Enable or Disable

Display

- Time format: 24hr or 12hr.
- Multilingual
- Display seconds: Enable or Disable.
- Display employee name period: Short, medium and long
- Display employee message period: Short, medium and long

Sound

- Buzzer: Enable or Disable.

Logging

- Various parameters e.g. number of swipes.

Hardware

Network Interfaces

- Ethernet LAN port(10/100MHz Auto MDIX)
- 1 x USB Host Port
- 1 x USB Device Port
- Wifi LAN port.*
- GSM/CDMA/PSTN modem.*
- 2 x RS232 (3 wire 9600,n,8,1).

Display & Indicators

- Large 4.3" TFT color display (480 x 272 pixel 16million colors).
- 87dB speaker

Data Entry

- Resistive touch screen
- 1 x Track II magnetic swipe card.
- 2 x Proximity card (HID 26bit, HID 32bit, HID 36bit, HID 37bit, TCOM 26bit, ASR-27bit, Mifare and custom formats).*
- Biometric finger print

General purpose I/O

- 2 x 24V AC/DC 1AMP relays
- 6 x GIO

Connectors

- Relays & Wall display: 8way 5.08mm pitch detachable plug
- Proximity reader: 5 way 5.08mm pitch detachable plug
- Power: 2 way 5.08mm pitch detachable plug
- 10/100Base-T Ethernet: RJ45.*
- Host RS232: RJ11
- External RS232 reader: RJ11
- UPS battery: 2 way 0.1" detachable.

Installation

- Backing plate with up to four cable duct entry points.

Warranty

- 12 months return to base.

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Physical & Environmental

Power Voltage

- 12VDC 1AMP (plug pack supplied)

Dimensions

- 150(W) x 100*(H) x 50(D) mm
(*not including antenna if fitted)

Operating Temperature

- 0°C - 70°C.

Storage Temperature

- -20°C - 70°C.

Compliance

- ROHS Compliant

Operating Humidity

- 5% - 95% non-condensing.

Weight

- 2.2kgs

Ordering Information

TC-400 BundyPlus time clock base.

***Optional Accessories**

TC-BIO	Biometric finger print interface
TC-CAM	Camera interface
TC-MAG	Track II card reader interface
TC-PROX(HID)	Proximity reader interface
TC-PROX(MIFARE)	Proximity reader interface
TC-WIFI	IEEE 802.11b WiFi module
TC-BATT	5hour operational backup battery
TC-SAM	GSM modem
BP-SIREN	110dB siren (meal breaks excreta)
BP-WALL	Large 100mm LED time display (visible 100meters away)

Distributor

BundyPlus™

Designed and manufactured by:



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BundyPlus™ is a registered trade mark of midnight technologies pty ltd.

Specifications are subject to change without notice.