

IT51E DATA SHEET

With a large format color screen, high performance processing power, an impressive feature set and a huge range of modules and accessories available, the IT51E represents a compelling proposition for a high-end device.

KEY FEATURES

- 10 inch resistive color touch screen
- Ability to display Employee Self Service data (i.e. holiday request, schedules etc)
- Completely customizable interface
- Display corporate videos, latest news and motivational messages
- Integrated camera for punch verification
- USB ports for I/O expansion, WiFi and barcode scanners
- Fast and easy installation
- Wide range of readers including swipe, proximity and biometrics
- Power through POE or 12V DC Jack



SIMPLE, SECURE AND COMPATIBLE

The IT51E is built on a architecture that provides the ability to customize the application running on the device to meet the requirements of any Human Capital Management solution. The IT51E adds an extra layer of authenticity to data captured when combined with biometric technology, eliminating the potential of 'buddy punching'. The IT51E's compatibility with a wide range of credentials ensures that it easily integrates with any organization. The IT51E is an ideal choice for multi-lingual workforces, as the interface can change to the individual persons preferred language when they present their credentials.



ROBUST AND RELIABLE

The IT51E's durable casing makes it suitable for all working environments. In addition, the optional environmental enclosure ensures the clock is operational in temperatures as low as 0°F. The IT51E's Linux software environment ensures it is durable and adaptable to any organization. Whilst the internal battery backup means that the clock is functional in a power outage, ensuring end users can always capture reliable data.



The IT51E is built upon leading-edge technology to bring unsurpassed functionality, flexibility and robustness to data collection solutions. It is also part of our Touchless solutions range, allowing for a secure and touchless environment with proximity technology.

TECHNICAL SPECIFICATION

DISPLAY	<ul style="list-style-type: none"> 10" (1024x600px) LCD TFT resistive touch screen color display Movie capability for displaying corporate messages
OPERATING SYSTEM	<ul style="list-style-type: none"> Linux
MEMORY	<ul style="list-style-type: none"> 512MB DDR2 400MHZ SDRAM with 512MB internal on-board flash memory SD memory card slot
OPERATING TEMPERATURE	<ul style="list-style-type: none"> -10 to +50°C (14 to 122°F)* Optional environmental enclosure: -18°C or 0°F, (with optional heaters) Humidity 5-90% non-condensing Optional screen protector
PROCESSOR	<ul style="list-style-type: none"> Industrial specification ARM Cortex A8 Quad Core at 800MHz
POWER	<ul style="list-style-type: none"> 12V DC Jack IEEE802.3af PoE or IEEE802.3at PoE+ (Optional) Internal lithium-Polymer battery backup, up to 3 hours (Optional)
HIGH SECURITY	<ul style="list-style-type: none"> Encrypted data storage at rest and during transmission to host Secure biometric template encryption Remote management available
INPUT/OUTPUT	<ul style="list-style-type: none"> Readers including; Proximity, Mifare, Barcode, External Barcode Scanner and Mag Stripe 2 megapixel camera Internal microphone and speakers Choice of biometric fingerprint modules Wi-Fi IO relay modules 6x USB 2.0
PLUG AND PLAY DEPLOYMENT	<ul style="list-style-type: none"> Fast and easy installation Pre-formed cable entry Easy to fit reader modules for proximity, swipe and biometric technologies

HOST CONNECTIVITY	<ul style="list-style-type: none"> Ethernet connectivity with HTTPS WiFi: Intel dual, 802.11 ac (optional) PS capability - 10/100/1000
INTEGRATIONS	<ul style="list-style-type: none"> Robust, managed environment created within a framework which enables integrators to develop or customise applications Applications are written in Python Integrated development environment based on Eclipse provides a coding development platform for our clocks
REMOTE MANAGEMENT AND DIAGNOSTIC TOOLS (OPTIONAL)	<ul style="list-style-type: none"> Remote monitoring and diagnostics for parameters such as current consumption, voltage, temperature and firmware version information Remote management provides ability to download firmware and update multiple terminals simultaneously
DIMENSIONS	<ul style="list-style-type: none"> 235mm x 260mm x 105mm (9.2 inches x 10.2 inches x 4.1 inches)

*When a battery module is fitted the maximum continuous ambient temperature is limited to 30°C (86°F)



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www.tracyinc.com
 (866) 356-0663