GT10S
Installation Guide

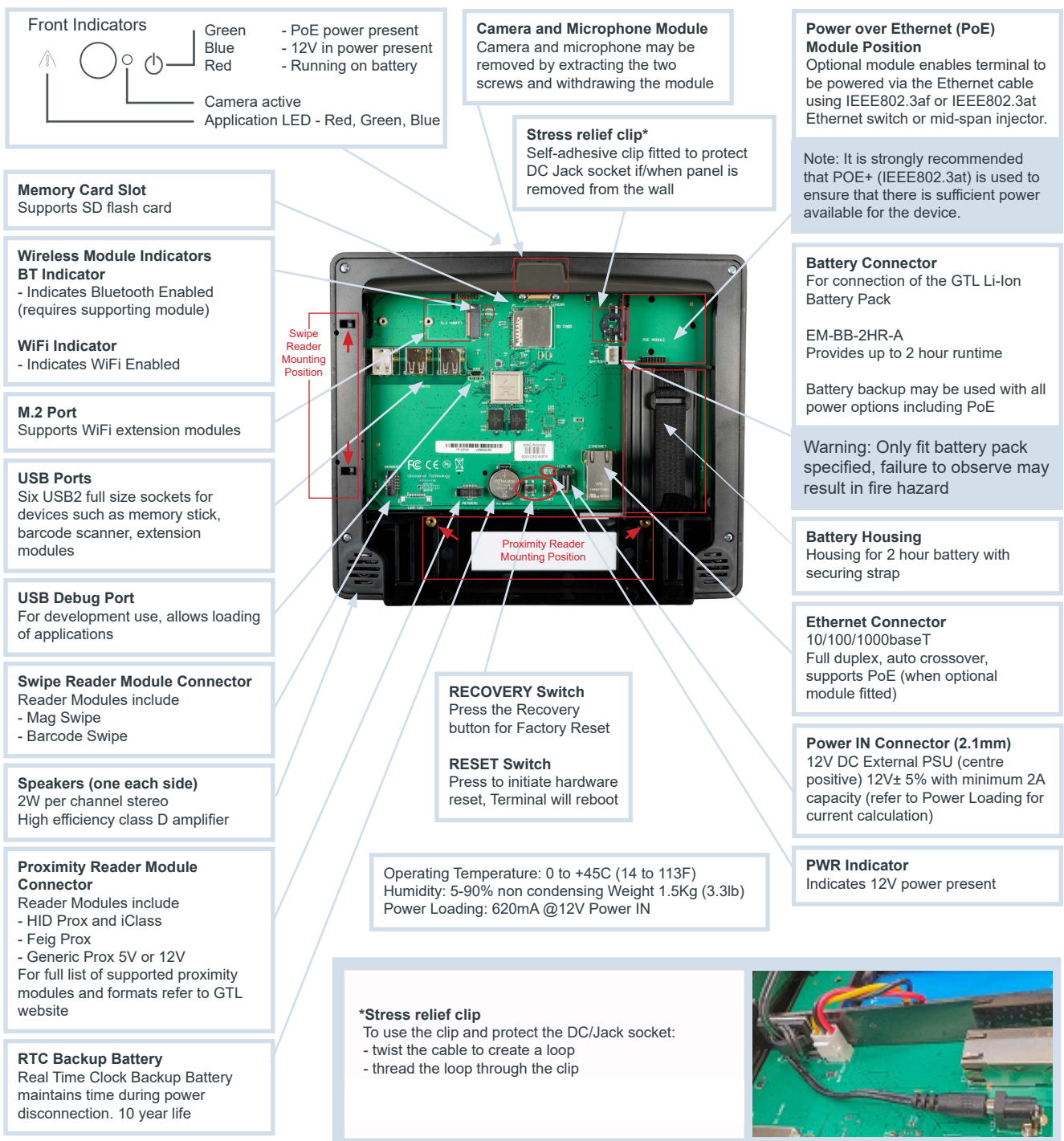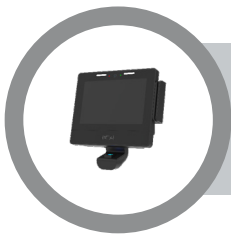Part numbers: FP-GT10S-A
   FP-GT10S-L

General

The GT10S Data Collection Terminal is a modular design which can be customised by adding easy to install optional modules to the terminal.

The GT10S terminal includes an inlay which can include customised artwork (subject to minimum order quantities).

Options include:

- Mains or PoE Power Supply
- Reader Module (Proximity and/or Swipe)
- Biometric Module
- Enterprise grade WiFi module

Front Indicators

Green - PoE power present
Blue - 12V in power present
Red - Running on battery

Camera active
Application LED - Red, Green, Blue

Camera and Microphone Module
Camera and microphone may be removed by extracting the two screws and withdrawing the module

Stress relief clip*
Self-adhesive clip fitted to protect DC Jack socket if/when panel is removed from the wall

Power over Ethernet (PoE) Module Position
Optional module enables terminal to be powered via the Ethernet cable using IEEE802.3af or IEEE802.3at Ethernet switch or mid-span injector.

Note: It is strongly recommended that POE+ (IEEE802.3at) is used to ensure that there is sufficient power available for the device.

Memory Card Slot
Supports SD flash card

Wireless Module Indicators
BT Indicator
- Indicates Bluetooth Enabled (requires supporting module)

WiFi Indicator
- Indicates WiFi Enabled

M.2 Port
Supports WiFi extension modules

USB Ports
Six USB2 full size sockets for devices such as memory stick, barcode scanner, extension modules

USB Debug Port
For development use, allows loading of applications

Swipe Reader Module Connector
Reader Modules include
- Mag Swipe
- Barcode Swipe

Speakers (one each side)
2W per channel stereo
High efficiency class D amplifier

Proximity Reader Module Connector
Reader Modules include
- HID Prox and iClass
- Feig Prox
- Generic Prox 5V or 12V
For full list of supported proximity modules and formats refer to GTL website

RTC Backup Battery
Real Time Clock Backup Battery maintains time during power disconnection. 10 year life

Swipe Reader Mounting Position

Proximity Reader Mounting Position

RECOVERY Switch
Press the Recovery button for Factory Reset

RESET Switch
Press to initiate hardware reset, Terminal will reboot

Operating Temperature: 0 to +45C (14 to 113F)
Humidity: 5-90% non condensing Weight 1.5Kg (3.3lb)
Power Loading: 620mA @12V Power IN

Battery Connector
For connection of the GTL Li-Ion Battery Pack

EM-BB-2HR-A
Provides up to 2 hour runtime

Battery backup may be used with all power options including PoE

Warning: Only fit battery pack specified, failure to observe may result in fire hazard

Battery Housing
Housing for 2 hour battery with securing strap

Ethernet Connector
10/100/1000baseT
Full duplex, auto crossover, supports PoE (when optional module fitted)

Power IN Connector (2.1mm)
12V DC External PSU (centre positive) 12V± 5% with minimum 2A capacity (refer to Power Loading for current calculation)

PWR Indicator
Indicates 12V power present

***Stress relief clip**
To use the clip and protect the DC/Jack socket:
- twist the cable to create a loop
- thread the loop through the clip

Opening and fitting Front Panel to Back Panel

1. Insert the key

2. While pressing the key in rotate clockwise

3. Front panel bottom can now be pulled forward

4. When separated, lift front panel to remove

Installing the GT10S

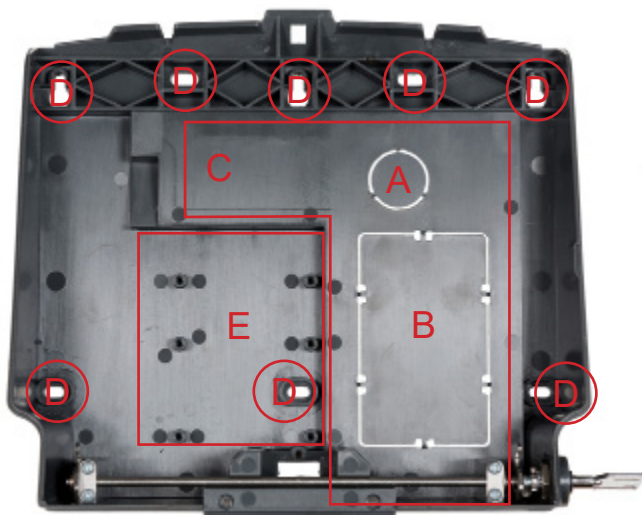### Secure to a vertical surface

Before mounting the back panel first fit any Biometric Reader options as these need access from the rear of the unit.

Bring in any cables through snip-out apertures (A or B). Cables may be routed within the cabling cavity between the back panel and mounting surface (C).

For installations in the USA the unit may be mounted over a power outlet with PSU (wall wart) inside the case. For this type of installation snip-out the large aperture (B)

Fix the back panel to a flat vertical surface at a height that will be comfortable for users to see and touch the screen observing any national regulations. Use suitable screws through any of the fixing points (D) circled to firmly secure the device taking care to not over-tighten the screws or distort the case.

Extension Modules e.g. EM-IO-USB-IT may be fitted in the area (E)

Fitting Reader Modules

IT series Proximity Reader Modules may be fitted using the two mounting screws provided. Connect the ribbon cable and apply power to the terminal.
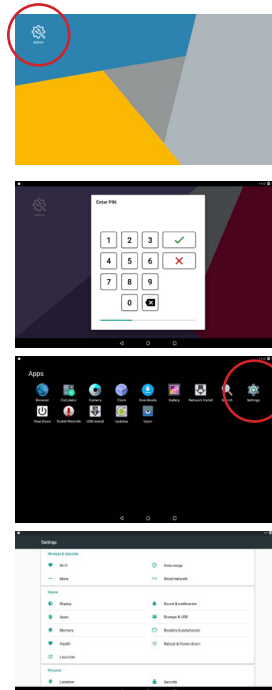
The reader type will be automatically detected. Within the Settings menu select Readers & peripherals to access the reader settings page.
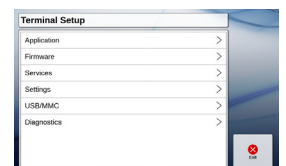
GT10S-A Configuration

To access the Settings menu allow the Terminal to boot then select 'Admin'. A PIN is required to enter setup mode, the default is 1905. From the Apps menu select 'settings' then select 'Readers & peripherals'.

GT10S-L Configuration

Once the unit is fully booted, the initial screen gives you the opportunity to enter the **Terminal Setup** by pressing the **Cog Icon** (bottom right of screen).

The default PIN is 1905

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