



Borer's HiTag Attendance Terminal with Message Display is designed as a clocking point for use in on-line attendance recording. It can also be used for locker access control, which enables a card presented at a reader to selectively open a specified locker from a bank of lockers.

The **HiTag Message Display Terminal** provides full on-line and off-line data collection at the point of data capture, eliminating the need for a separate control panel; wall box and mains power supply.

The elimination of unnecessary equipment together with a low energy profile delivers a 'cleaner, leaner and greener' solution, reducing lifetime cost of ownership.

The **HiTag Message Display Terminal** supports a wide range of proximity identity badges and fobs including ISO 7813 standard proximity cards.

Benefits

- **Developed using 'clean design' principles** to reduce component count and energy consumption
- **'Plug and Play'** makes for faster installation and commissioning
- **TCP/IP Network connection via a Borer Bridge** enables a direct connection to the central management system and database
- **Very low energy consumption** leads to savings in cost of energy

Eliminates the requirement for a separate control panel, wall box and power supply, reducing bespoke cabling and installation complexity with associated costs

HiTag Attendance Terminal with Message Display

Part Number: 04-124

Features:

Two line LCD display

Numeric keypad for entry of absence codes and variable data

Memory storage with a total capacity of up to 8,000 transactions

Integrated relay for switching of external circuit

Four state supervised inputs and tamper circuit

Two LEDs and sounder gives clear indication of card and reader status

Works with Borer Midspan Bridge technology which delivers power and data over a single CAT5e / 6 cable

No control boxes so minimal requirement for wall space

Our "Clean Design" objectives means that we reduce:

- The quantity of raw materials by mass and consequently the energy required in the manufacture of our products.
- The amount of packaging to ship the product and the elimination of wall mounted enclosures to accommodate products when installed on customer's sites.
- The complexity of the infrastructure and amount of time required to deploy / install the product.
- The amount of energy consumed by the product in its everyday operation.
- The number of post installation service calls required to service and repair the systems.
- The mass of the product to dispose of at the end of its life cycle.

The Borer access system has been designed to comply with EU Environmental Directives including RoHS (2002/95/EC) and WEEE (2002/96/EC).

Our 'Clean Design' philosophy meets the requirements set out in the EuP Directive (2005/32/EC).

Technical Data

Installation	Hitag Attendance Terminal with Message Display comes with a matching backbox for surface mounting
Colour	Black
Power Supply	100mA quiescent, 150mA peak @ 12V DC
Device Dimensions / Weight	218 x 126 x 76mm / 539g
Environmental / Humidity Range	Interior or exterior / 5% to 95% non - condensing
Outputs	Lock relay (1A continuous @ 30V DC, NO and NC contacts), sounder, 2 x colour LEDs
Inputs	Supervised door monitor, REX, tamper circuit
Keypad	12 button membrane keypad
Display	32 character LCD display with backlight
Reader Database	8,000 transactions
Data Retention Without Power	10 years
Network Connections	Controller Area Network (CAN), ISO 11898 standard for serial data communications
Cable Type	CAT5e / 6 cable
Transmission Protocol	CSMA-CA (Carrier Sense Multiple Access with Collision Avoidance)
Data Rate	Autosensing: - 50, 125 or 250 kbps
Operating Temperature Range	13 to 140 F (-25 to 60 C)
Read Range	Up to 120mm; range may vary with proximity token type and install environment
Card Technology	ISO 7813 standard proximity cards or tokens with security encryption and mutual authentication

