

**Borer's Hitag Attendance Terminal with Message Display is designed as a clocking point for use in online 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 online and offline 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.

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



### 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

### 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 Borer Bridge** enables a direct connection to the central management system and database

**Very low energy consumption** leads to savings in cost of energy

## Technical

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

