

Nohmad

GPRS Mobile Terminal

The Nohmad sends information via GPRS - the mobile phone network - allowing employees to sign in and out electronically when entering or leaving worksites.

- Accurate Information
- Real time Information
- Affordable Information
- Simple to Install
- Simple to Use



Economic to install and easy to use, the Nohmad provides employers with an instant snapshot of where their workers are at any given moment. The worker either swipes their finger or places their token - about the size of a pound coin, and just as robust - against the base station.

The information confirming the identity of the employee and the date and time of their arrival or departure, is then sent to a designated server where the data is recorded and can be analysed as required.

Traditional attendance terminals operating in real time generally need to be connected to a physical communications network, often the user's LAN. The Nohmad does not.

These advantages, along with its modest costs, make it an ideal device for industry sectors supplying low margin services across multiple sites the also require both accurate and immediate attendance records.

Specifications

Power:

Low power 5v DC mains adaptor, 0.5W average.

Environmental:

-20°C to +40°C, 95% humidity (non condensing).

Dimensions:

165mm x 66mm x 50mm.

Installation:

2 x No. 6 screws or adhesive pad.

Media:

Serial number iButton™ or Fingerprint Swipe Reader.

Indicators:

Bi-colour illuminated iButton probe. Two single-colour LED status indicators. Audible buzzer. 24 hour time display (fingerprint version only).

SIM card:

Easy-install hinged SIM connector.

SIM set-up:

Serial link to PC.

Cellular radio:

Quad GSM band (800/900/1800/1900 MHz).

Cellular data:

GPRS class 10 (packet)

RF connection:

Built-in dual-band antenna (900/1800 MHz). External antenna connection and optional high-gain external antenna.

Processing:

104MHz, 32 bit ARM9 wireless processor.

Clock:

Battery-backed Real Time Clock with calendar.

The Nohmad Terminal brings together a variety of modern technologies. Employee identification is provided either by the use of an iButton™ or a Fingerprint Swipe reader, linked to a GPRS wireless network used by mobile phone users worldwide.

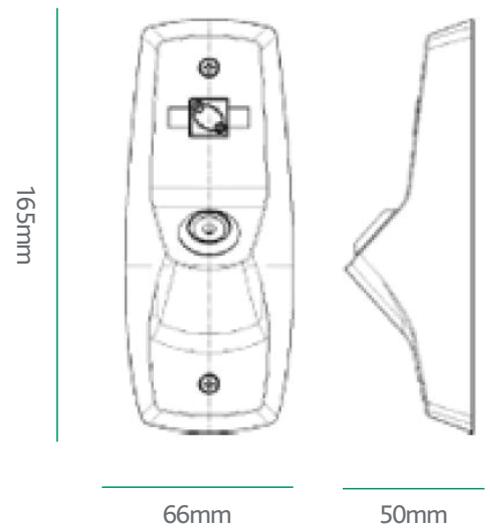
GPRS is a data service available to users of GSM (Global System for Mobile Communications). Unlike a normal phone call, GPRS connections are 'always on' and are charged by the amount of data transferred instead of the length of time the call is made for.

This is ideal for a real-time device like the Nohmad, where data has to be sent to the host immediately but occurs at irregular intervals.

Each iButton™ or fingerprint credential had a unique and unalterable identity which is used by the Nohmad to identify individuals using the system. A user simply touches their iButton™ or swipes their finger onto the Nohmad and the credential is read instantaneously. Visual and audio indicators provide user feedback.

The Nohmad adds the current date and time to the user's ID and send this data as a TCP/IP message to a host server, anywhere in the world. The information is usually available for processing within moments.

If the GPRS network is temporarily unavailable, Nohmad stores the data in internal memory and then send the stored data as soon as a network connection is re-established.



Contact us:

Telephone: +44 (0)1793 715475

Email: info@capitawfm.co.uk