

HRX3000 Clocking Terminal



- Designed and manufactured in the UK, specifically for use with the Focus Lite and Focus Pro software.
- The HRX3000 RFID proximity clock card terminal provides a dependable and functional Time & Attendance data capture device.
- Easy to install
- Rock solid reliability

FIRE ALARM ROLL CALL

The HRX3000 can be connected to a Fire Alarm Panel or manual button to trigger a Fire Evacuation report to be automatically printed via the Focus Pro software. A single serial printer can also be connected for direct Roll Call printing.

RFID PROXIMITY

The use of contactless proximity cards/fobs with all HRX terminals prevents reader wear and therefore increases the reliability and lifespan of the equipment.

POWER SUPPLY

The HRX3000 terminal is supplied with a 9V DC in-line switched power supply. This can be either plugged into a standard UK mains socket or wired into a fused spur (by a qualified electrician).

CONFIGURATION

Prior to delivery, each HRX terminal can be pre-configured with a customer specified IP address and Subnet Mask.

Specification Details

PC Communications:	RS232 and TCP/IP
Inter-Terminal Communications:	RS485 and TCP/IP
Modem Options:	Optional GSM and PSTN
RFID Options:	HID, Mifare, Paxton or PAC
External Inputs:	1 x Fire Alarm input trigger
Printer Ports:	1 x Serial (RS232) Fire Alarm Printer Port
Keypad:	Optional numeric membrane keypad with 4 Function Keys
Display:	16 X 2 LCD with LED Backlight
Display Area:	64mm X 15mm
Clocking Capacity	15,000 in circular buffer
Employee Capacity:	25 to 1,000 employees - upgradeable
Firmware:	Flash memory upgradeable over TCP/IP
Battery Backup:	Lithium battery for data and clock for 3 years
Enclosure:	Material – Flame retardant ABS
Power Supply:	9V DC, 95mm X 45mm X 25mm

Further Options

Available in both Intelligent and Non-Intelligent modes of operation.

Special versions available including IP rated for outdoor use.

Automatic BST and GMT time updating

Minimum time between the same card/fob being used can set. This avoids double-clocking.

When in Intelligent mode, master sends date/time updates to all HRX slaves.

HRX3000 Connection Diagrams

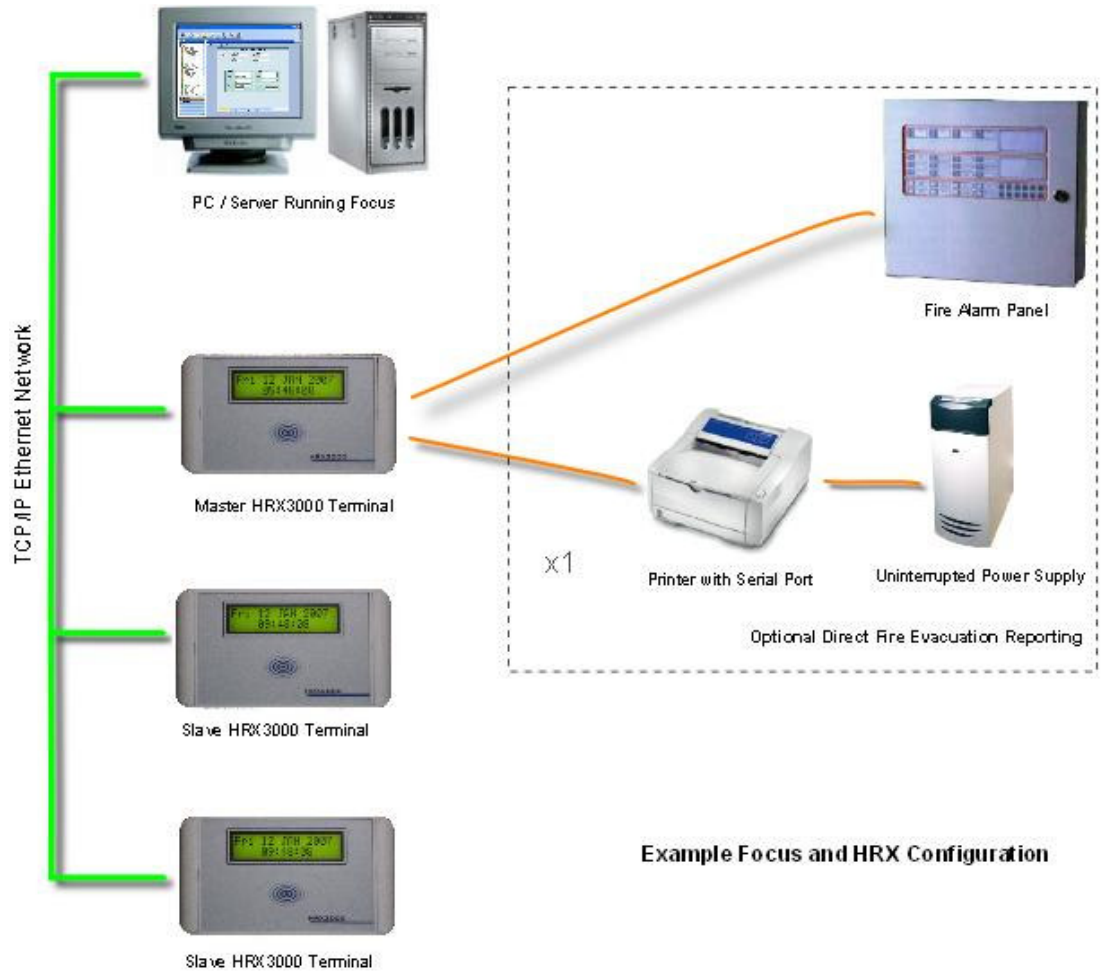
INTELLIGENT MODE

When operating in intelligent mode, one HRX is defined as a Master with other HRX terminals on the same network being defined as Slaves. The Master terminal handles all communications with the software as well as validating and recording all clocking transactions made on any terminal connected to the same network. Intelligent mode allows for both software and dedicated serial printing of a Fire Alarm Roll Call report.

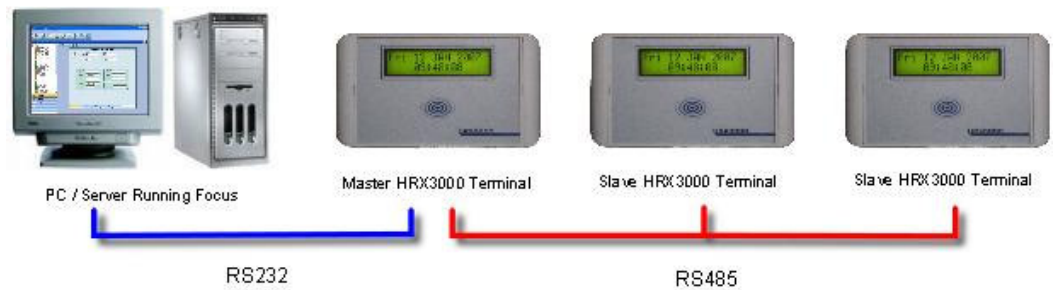
NON-INTELLIGENT MODE

Non-intelligent mode allows HRX terminals to record the clocking transactions simply as card numbers with a date/time stamp. The Focus software will assign the clocking transactions to the relevant employees. Operating in this mode has the advantage that the terminals do not need to communicate with each. It does however restrict the Fire Alarm Roll Call report to be printed via the software and not through a dedicated serial printer.

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Example Focus and HRX Configuration



Alternative Configuration

