EC50-H
Employee Time Clock

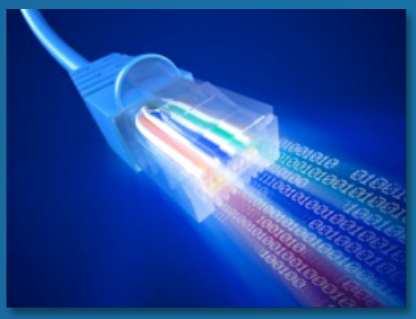
EC50-H Time Clock Overview

The Easy Clocking® EC50-H is our HID card Edition Employee Time and Attendance system designed for small to large sized businesses. With the Easy Clocking state-of-the-art RFID technology you can track employee's time and attendance with the swipe of a proximity card. The Easy Clocking® EC50-H verifies an employees identity based on the proximity card assigned. State of the art technological advances in RFID technology have now made this surprisingly affordable and popular. The Easy Clocking EC50-H proximity time clock scans the card in under 1 second; this in turn will make clocking in and out much faster for employees and at the same time saving companies time and money by paying employees for the exact time they work. Companies will also reduce costly payroll and data entry errors caused by the old time card system.

HID Card Technology

Tracking employee time and attendance is fast and simple with the Easy Clocking EC50-H proximity card time clock. Each employee is provided with a unique HID badge. To clock in or out, the employee passes the HID badge near the time clock, and the HID reader records the time of entry or exit. Data is downloaded from the clock to the administrator on a scheduled or periodic basis, automatically delivering accurate time and attendance records.

Compatible with all HID 125kHz / 13.56 MHz Credentials



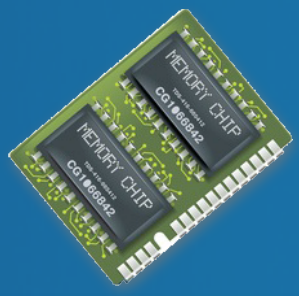
Real time "Push" technology

Get up to the minute real time view of your workforce. Easy Clocking time clocks push data to the Easy Clocking software as it happens to give you a real time view of your employees time & attendance status. Our time clocks communicate seamlessly with our software, all you need is an ethernet connection

Large Color LCD Screen

The large easy to read full color LCD screen displays the current time, when clocking in or out the screen displays the employee name and the large LED bar light provides employees with a instant good (green) or bad (red) punch indications with voice prompt.

Home Screen | User Verified | User Not Authorized



Standalone operation

Unlike most of the time clocks sold today the Easy Clocking EC50-H is a wall mounted standalone device and does not require a computer to collect employee time. It stores all employee information in it's built-in memory and up to 100,000 employee transactions can be stored in the EC50-H time clock. An internal battery ensures punches stored in the terminal are retained even in the event of a power outage. Internet connection is needed to send data to the web based software.

- With an automated time attendance system you Pay your Employees for the Exact Time They Work.
- Works well in all corporate environments .
- Good for up to 1000 users / 1:1 or 1:N (5000 Optional).
- With Real-Time you see who's clocked in and out the moment it happens.
- Built in Wi-Fi, no need to run cables (additional cost of $49.99)
- Assembled in the USA and used by over 10,000 companies
- Built in HID SE reader
- Ability to Download and upload records using a USB flash memory
- Does not need a computer to operate, stores 100,000 transactions in it's built-in memory
- Touch sensing digital keypad
- Works seamlessly with Easy Clocking time & attendance software
- IP connectivity for LAN or WAN networks
- Wiegand 26/34 bit outputs for secure access control
- Direct door relay, connects to any 12 volt door lock

EC50-H Specifications

Size & Weight

Weight : 2 lbs / 0.90 Kg

Processor & Memory

Processor:	ARM / 400MHZ
Fingerprint Capacity:	1,000 Standard / 5000 Optional
Records Capacity:	100,000 Records

Power Supply Requirements

Power:	DC 12 Volts
Current (Operational):	0.5A - 1.0A
Current (Idle):	0.50A

Display

Type:	TFT LCD
Color:	Yes
Size:	3.2 inches / 81mm

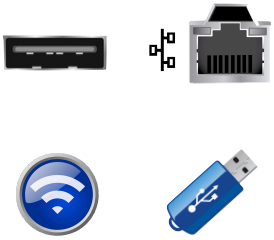
Proximity Card System

Reader Platform:	HID SE Reader
RF Frequency:	13.56 Mhz
Prox Frequency:	125 Khz
Supported Cards	iClass Standard/SE/SR/SEOS Mifare Classic, Desfire, EV1 HID Prox Indala Prox

Environmental

Temperature(Operational):	14º to 140º F / -10º to 60º C
Humidity:	20% to 80%
Tolerance ESD:	-15000V

Communication Interface



- USB Flash Download
- TCP/IP (For LAN o WAN Networks)
- Real Time Data Push
- Wiegand - 2 Inputs / 2 Outputs
- Built In Wi-Fi (Optional)
- Door Sensor Output
- Exit Button Output
- Bell Schedule Output
- Door Lock 12V Relay Output

Door Access Control

Wiegand:	26 / 34 Bit - Input / Output
Door Sensor:	Yes
Exit Button:	Yes
Door Lock Relay:	Connects Directly to Any 12v Electronic Lock Strike / Deadbolt / Magnet / Automatic Doors