IntelliClock Series

IQ 300

Hardware Specifications

This unit is a sophisticated, feature-rich system, with the ability to perform department transfers and tip tracking at the clock. In addition, the IQ300 offers extended time tracking features such as break and lunch button. It offers a four-line, backlit LCD display with prompts for entries. A Magnetic Swipe Card is the standard selection for this unit, but it can be purchased with a barcode swipe, proximity, or no card reader if only Direct Keypad Entry is desired.

Dimensions & Weight:
8.75" x 8.25" x 1.5", approx. 1.65 lbs.

Keypad: 25 keys (1-9, (decimal point), CLEAR, ENTER, MENU, Lunch and Meal/ Break Keys, Department Transfer Keys, Tip/Gratuity Keys. Key "Click". Selectable by user. If enabled, the clock will emit a short beep with each key press.

Battery Back Up: on-board battery supplies 20 days backup and ~100 years for stored data. Stored data uses nonvolatile memory.

Display: 3" x 1" LCD capable of displaying 4 lines of 20 characters each. Clock can display date in either US (MM/DD/YY) or Euro (DD/MM/YY) format.

Data Entry Options: Magnetic Card Swipe, Bar Code Swipe, Bar Code Wand, Direct entry of data via the built-in keypad.

Bar Code Specifications: Print bar codes at 28 pts. (height of character) Use ONLY code 39, not code 39 full ASCII. Note: Can use either a barcode slot reader (will read cards 'swiped' through the reader slot in the clock), or a barcode wand.

Qqest Proximity Card Reader: Proximity is a generic term used to describe cards which can be read when they are in the 'proximity' of the reading device, rather than having to be in direct contact with the reader (such as Magstripe and Bar Code cards). The IQ300 Qqest readers typically have about a 2-3" read range.

HID Proximity Card Reader:
HID 26 bit and 37 bit formats supported

Baud Rate: 9600 or 38400 BAUD

Communication Options: Direct serial, modem, ethernet, daisy (for daisy chained units)

Serial: The cable must not exceed 200 feet in length. Any cable over 20 ft. in length must be shielded. The connector to the computer is a standard DB-9 female serial connector; the end going to the clock must be RJ-12 (6 pin). The physical path of the cable must be as free as possible of electromagnetic interference (EMI) or radio frequency interference. Avoid running cable over or near fluorescent lighting, electric motors, or UTP network cable bundles.

Modem: 33,600 BAUD modem, MNP5 Error correction, standard Hayes command set. Modem use requires an analog phone line.

Ethernet: 10/100 Autoswitch Ethernet connection. IP address and Subnet mask can be set by the user to any value. Standard 10/100 Base T (RJ-45) connector, activity and connection lights.

Storage Capacity: 4096 entries. Supports automatic polling of clock data.

Optional Accessories

Optional Bell/Buzzer Relay: This option will enable the clock to send a signal to ring a bell or buzzer (such as a bell for meal times). Up to 32 relay events may be programmed.

Security Door Strike Switch: When this option is enabled, the clock will close a switch contact that can be used to open a door equipped with an electric door strike. This option is mutually exclusive with the bell/buzzer events; only one may be selected at a time.

Vehicle Power Supply: Model MW292 car adaptor.

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