

# iCLASS® CP575 and CP400 Programmers

Contactless Smart Card Programmer • 3150 and 6250



## ACCESS flexibility.

The iCLASS® CP400 and CP575A Card Programmers are designed for on-site programming of access control data, Personal Identification Number (PIN) codes, and user data onto HID iCLASS cards. It allows HID proximity formats, keypad PIN codes and user data fields to be programmed directly into iCLASS contactless smart cards. This enables the system manager to stock configured cards and program cards on demand when new cardholders are added to the system. To ensure security of the format and cards, an iCLASS Card Programmer license is required.

The iCLASS CP400 Card Programmer includes a desktop reader/writer, CD-ROM with programming software and documentation, personalization diskette, universal power supply, and serial cable.

The iCLASS CP575A Card Programmer adds fingerprint template programming capability for use with the bioCLASS reader. The iCLASS CP575A includes a desktop reader/writer, CD-ROM with programming software and documentation, personalization diskette, universal power supply and USB cable.

### Additional Capabilities

- ▶ Stores PIN codes on the card for use with the iCLASS RK40, RWK400, and RWKL550 keypad readers configured for local PIN verification.
- ▶ Programs four, 16-character user data fields on the card, that can later be read on the programmer.
- ▶ Reads any iCLASS card when the authentication key is pre-stored in the programmer.
- ▶ Prints card numbers directly onto the cards using a PVC card printer or on standard Avery labels.
- ▶ Maintains a secure, encrypted database on a personal computer.
- ▶ Personalized for individual customers (proprietary formats are restricted to authorized users).
- ▶ CP575A Card Programmer provides USB user interface capability.

The HID CP400 and CP575A iCLASS® Card Programmers offer the following capabilities:

## Capabilities

- Create New Card Profile
  - Create Profile Name
  - Select Format
  - Select PIN-on-Card type - None, User
  - Defined, Random, Sequential (w/ start #)
  - Enter Site Code, Starting ID Number
  - Enter Quantity to be programmed
- Program a Card Profile
  - Select Profile Name
  - For each card you may enter
    - PIN (if User Defined)
    - Password
    - User Data Fields 1-4, 16 characters
- Program a Single Card
- Program User Fields (for a previously programmed card)
- Program Skipped Cards (for a profile where some cards failed to program)
- Read Cards (previously programmed if key is known)
- Print Cards or Label Stock
  - Create Card Number Prefix
  - Position Card Number on card
  - Select label size (1" x 2-5/8" or 1/2" x 1-3/4")
- Print Cross Reference Report for a Profile
- Add New User (Inactive, Operator, Administrator)

## Reader/Writer

The iCLASS reader/writer provides audiovisual feedback with a speaker and light bar. A desktop stand with clip holds the card, key or tag while programming. A DB9S serial connector (CP400) or a USB cable (CP575A) and DC power jack are located on the rear of the stand.

## Power Supply

A universal power supply is provided with United States plug. For international use, just replace the removable power cord and add a local adapter.

## Cable

A 2 meter (six foot) cable connects the reader/writer's serial output to a PC COM port. The cable has DB9F and DB9S connectors for the CP400 and a USB cable is supplied with the CP575A.

## Diskette

Personalizes programming software to allow programming of authorized proximity (Wiegand) formats onto an iCLASS card

## Warranty

Warranted against defects in materials and workmanship for two years from date of shipment. (See complete warranty policy for details.)

## Base Part Numbers

CP400 Base Part No.: 3150  
CP575A Base Part No.: 6250

## Reader/Writer Compatibility

Access control data on cards programmed with the HID iCLASS Card. Programmer is readable only by iCLASS readers

## Card Compatibility

iCLASS 2k, 16k and 32k Cards including: iCLASS 200x, iCLASS /Prox 202x, iCLASS Embeddable 201x, iCLASS Wiegand 204x, iCLASS Key 205x and iCLASS Tag 206x.

## PC Requirements

Pentium 166 or higher  
RAM - 128 MB  
HDD - 30 MB available  
CD-ROM Drive  
Dedicated Serial COM port  
PVC Card Printer (optional)  
VGA monitor (or better)  
Common Printer (optional)  
USB Cable (optional)

## Software Requirements

OS - Windows 2000 or XP, with latest Service Pack  
MS Office 2002 (including Access Database) with latest service pack  
Internet Explorer Version 6 or higher  
Internet connection recommended for downloading updates  
MDAC components (v 2.7 included with iCLASS setup)  
.NET framework (v 1.0 is included with iCLASS setup)  
User must have Local Machine Administrative rights for iCLASS installation and secure database administration

## Dimensions (Programmer Stand)

CP400 - 6.25"H x 4.3"D x 5"W (158cm H x 109 cm D x 127 cm H)  
CP575A - 8.3"H x 5.1"D x 4.45"W (21.08 cm x 12.95 cm x 11.3 cm)

## Weight

CP400 10.4 oz (295 g)  
CP575A 26.5 oz (751.3 g)

## Material

Reader: Polycarbonate UL 94  
Stand: PVC

## Power Supply

Input: 90-264 VAC 50/60 Hz, US Plug (AC cord can be changed in the field)  
Output: 12 VDC, Connector: 0.0219", Shell: +

## Environmental

Indoor / office environment  
0° to +35°C (32° to 95° F)  
10 - 80% RH, non-condensing

## Transmit/Excite Frequency

13.56 MHz

## Certifications

UL294/cUL, FCC Certification - USA, Canada Certification, Australia C-Tick, New Zealand EMC, CE (all EU Countries)

© 2007 HID Global. All rights reserved. HID, the HID logo, and iCLASS are trademarks or registered trademarks of HID Global in the U.S. and/or other countries. All other trademarks, service marks, and product or service names are trademarks or registered trademarks of their respective owners. Rev. 3/2007



For best results, please print on recycled paper.

MKT-ICLASSPROGRAMMERS\_DS\_EN



**ACCESS** experience.

[hidcorp.com](http://hidcorp.com)

### HID Global Offices:

**Corporate North America**  
9292 Jeronimo Road  
Irvine, CA 92618-1905  
U.S.A.  
Phone: 1 800 237 7769  
Phone: +1 949 598 1600  
Fax: +1 949 598 1690

**Asia Pacific**  
19/F 625 King's Road  
North Point  
Island East  
Hong Kong  
Phone: +852 3160 9800  
Fax: +852 3160 4809

**Latin America**  
Circunvalacion Ote. #201 B  
Despacho 2  
Col. Jardines del Moral  
Leon 37160, Gto.  
Mexico  
Phone: +52 477 779 1492  
Fax: +52 477 779 1493

**Europe, Middle East & Africa**  
Homefield Road  
Haverhill, Suffolk  
CB9 8QP  
England  
Phone: +44 (0) 1440 714 850  
Fax: +44 (0) 1440 714 840