

## HDPii Card Printer/Encoder Specification Details

### Printer Specifications

- HDP Retransfer: Dye-sublimation/Resin Thermal Transfer.
- Resolution – 300 dpi (11.8 dots/mm).
- Colors – up to 16.7 million/256 shades per pixel.
- Print area – Edge to edge for CR-80.
- Input hopper card capacity - 100 cards.
- Output hopper card capacity – 100 cards.
- Reject hopper card capacity – 15 cards.
- Card cleaning – replaceable cleaning roller (included with each print ribbon).
- 16 MB RAM.
- Windows 2000/XP/Server 2003/Vista (32 bit).
- Warranty – printer: 2 years; printhead – lifetime, unlimited pass.
- FARGO Workbench Diagnosis Utility.
- Display – User friendly, SmartScreen LCD control panel.

### Ribbons

- Full color, YMC, 750 prints.
- Full color with resin black, YMCK, 500 prints.
- Full color with two resin black panels, YMCKK, 500 prints.
- Full color with resin black and heat seal panel for difficult to print surfaces, YMCKH, 500 prints.
- Full color with resin black and inhibit panel for signature or other non-printing areas, YMCKI, 500 prints.
- Full color with fluorescing and resin black, YMCFK, 500 prints.
- Resin black, K, 3000 prints.

### HDP Film Options

- Clear – 1500 prints.
- Standard holographic – 500 prints.
- Custom holographic, special order – 500 prints.

### Print Speed

- 26 seconds per card/138 cards per hour (YMC with transfer).
- 32 seconds per card/113 cards per hour (YMCK with transfer).
- 47 seconds per card/77 cards per hour (YMCKK with transfer).
- 52 seconds per card/69 cards per hours (YMCKI with transfer).

### Operating Characteristics

- Operating temperature - 65° F (18° C) to 90° F (32° C).
- Humidity – 20% to 80% non-condensing.
- Supply Voltage – 100-240 VAC, 3.8A
- Supply Frequency – 50 Hz/ 60 Hz.
- Size – width: 14.75” (630 mm), height: 11.50” (292 mm), depth: 9.25” (235 mm) and weight: 28 pounds (12.8 kg).

### Card Encoding Options

- Contactless Smart Card Encoder (HID iClass and MIFARE).
- Contact Smart Card Encoder reads from and writes to all ISO7816 1/2/3/4 memory and microprocessor smart cards, as well as synchronous cards.
- ISO Magnetic Stripe Encoding, dual high and low coercivity, Tracks 1, 2 and 3.

### Other Options

- Smart Card encoding (contact/contactless), EMV Level 1.
- Printer cleaning kit.

### Communication and Interface Capabilities

- USB 2.0.
- Ethernet with internal print server.

### Card Types & Sizes

- CR-80 size.
- Card thickness - .030” (30mil) to .050” (50mil) / .762mm to 1.27mm.
- ABS, Laminated PVC, PET, PETG, proximity, smart and mag stripe cards, optical memory cards.