




## Card Printing Solutions



Kantech's badging printers produce colorful, durable photo cards. Our printers are simple to use and virtually maintenance free. We have bundled our printers together with a High Definition portable Webcam,

ribbon cartridge and cleaning supplies to form a complete badging kit and to keep your printer running like new. Our solutions easily adapt to evolving security and printing needs.

|                                  | DTC4250e Card Printer  | DTC4500e Card Printer   | HDP5000 Card Printer   |
|----------------------------------|--|---|--|
|                                  |   |    |   |
| <b>Overview and Key Features</b> |  |   |  |
|                                  | The DTC4250e combines versatility with simplicity to easily print what you need. It is ideal for flexible, easy/reliable color printing and encoding. Its sleek design with changeable footprint can accommodate office environments where space is an issue. And a graphical display with easy-to-follow prompts ensures you'll always know printer status. Inline card printing and card encoding is accomplished using USB or optional Ethernet connectivity. The DTC4250e is ideal for medium-sized businesses, schools and governments seeking versatility in a convenient, professional and secure printer/encoder system. | The versatility of the DTC4500e is unsurpassed. Empowered by an extremely robust and highly-reliable print engine, this high-volume printer delivers speed, power and versatility rolled into one. High-capacity ribbons enable the DTC4500e to print twice as many full-color cards as most printers before the ribbon has to be changed. The DTC4500e combines high security and convenience to easily print what you need, including standard dual-input card hopper for increased capacity or management of multiple card types. And easy integration into existing IT infrastructures through the built-in Ethernet and USB connection, allowing for centralized or remote ID card issuance. | HDP5000 produces cards with superior print quality, higher reliability/durability and greater security. Taken together, these lower your total cost of ownership and make High Definition Printing available to practically any business. Uses a cartridge-based card handling system for faster reloading/card stock switching. By printing a reverse image on the underside of HDP Film, then fusing the film to the card surface, the HDP5000 creates an image quality that looks more like a sharp glossy photo than an ordinary ID badge. The cards are tamper-evident — if a counterfeiter tries to peel apart the layers, the image essentially destroys itself. USB and Ethernet connectivity is included, as is an internal print server for secure network printing. |
| <b>Specifications Overview</b>   |  |   |  |
| Print Method                     | Dye-Sublimation/Resin Thermal Transfer   | Dye-Sublimation/Resin Thermal Transfer  | HDP Dye-Sublimation/Resin Thermal Transfer   |
| Resolution                       | 300 dpi (11.8 dots/mm) continuous tone   | 300 dpi (11.8 dots/mm) continuous tone  | 300 dpi (11.8 dots/mm) continuous tone   |
| Colors                           | Up to 16.7 million/256 shades per pixel  | Up to 16.7 million/256 shades per pixel   | Up to 16.7 million/256 shades per pixel  |
| Approximate Print Speed          | 24 seconds per card (YMCKO*)   | 24 seconds per card (YMCKO*)  | 37 seconds per card (YMCK* with transfer and dual-sided, simultaneous lamination)  |
| Accepted Standard Card Sizes     | CR-80: 85.6 x 54 mm (3.370 x 2.125 in) and CR-79 Adhesive Back: 84.1 x 52.4 mm (3.313 x 2.063 in)  | CR-80: 85.6 x 54 mm (3.370 x 2.125 in) and CR-79 Adhesive Back: 84.1 x 52.4 mm (3.313 x 2.063 in)   | CR-80: 85.6 x 54 mm (3.370 x 2.125 in)   |
| Accepted Card Thickness          | .229 - 1.016 mm (.009 - .040 in)   | Print Only: .229 - 1.016 mm (.009 - .040 in); Print/Lamination: .762 - 1.02 mm (.03 - .04 in)   | Print only and Print/Lamination: .762 to 1.27 mm (.030 - .050 in)  |
| Print Area                       | CR-80 edge-to-edge, CR-79: 83.8 x 51.8 mm (3.3 x 2.04 in)  | CR-80 edge-to-edge CR-79: 83.8 x 51.8 mm (3.3 x 2.04 in)  | CR-80 Over-the-edge  |
| Software Drivers                 | Windows XP / Windows Vista (32 bit & 64 bit) / Server 2003 & 2008 / Windows 7 / Windows® 8 (32 bit & 64 bit) / MAC OS X 10.5/10.6/10.7/10.8 / Linux  | Windows XP / Windows Vista (32 bit & 64 bit) / Server 2003 & 2008 / Windows 7 / Windows® 8 (32 bit & 64 bit) / MAC OS X 10.5/10.6/10.7/10.8 / Linux   | Windows 2000/XP/Server 2003/Vista (32 & 64 bit)/7 (32 & 64 bit); Mac OS X v10.4/v10.5/Linux  |
| Interface                        | USB 2.0, optional Ethernet with internal print server  | USB 2.0 And Ethernet with internal print server   | USB 2.0 And Ethernet with internal print server  |
| Input Capacity                   | 100 cards (.762 mm/.030 in) Hopper   | Dual-Input Card Hopper (200 cards)  | 100 cards (.762 mm/.030 in) Cartridge  |
| Output Hopper Card Capacity      | Up to 100 cards (.762 mm/.030 in)  | Up to 100 cards (.762 mm/.030 in)   | 200 cards (.762 mm/.030 in)  |

## Plug and Play ID Photo Capture



Logitech HD Portable Webcam C615 with Autofocus takes dazzling 8MP photos that will be suitable for any photo badging needs. Auto Light Correction adjusts for dim and harsh lighting so that photos

look natural and shadow-free. It has a 360-degree full motion rotational camera, has fold-and-go portability and includes a tripod-ready base. Compatible with EntraPass security management software.

## Badging Solutions Selection Chart

| Model Number  | Description  |
|---|--|
| <b>Badging Kits</b>   |  |
| BK-1-A  | FA-52000 printer, ID-DIGCAM Logitech HD Portable Webcam, FA-45100 YMCKO* ribbon cartridge and FA-44260 cleaning rollers  |
| BK-2-A  | FA-52100 printer, ID-DIGCAM Logitech HD Portable Webcam, FA-45100 YMCKO* ribbon cartridge and FA-44260 cleaning rollers  |
| BK-2BC-A  | FA-52100 printer, ID-DIGCAM Logitech HD Portable Webcam, FA-45110 YMCKOK* ribbon cartridge and FA-44260 cleaning rollers   |
| BK-2BCL-A   | FA-55520 printer, ID-DIGCAM Logitech HD Portable Webcam, FA-45210 YMCKOK* ribbon cartridge, FA-47725 cleaning rollers and FA-82601 PolyGuard clear overlamine.   |
| <b>Printers</b>   |  |
| FA-52000  | DTC4250e single-sided printer, USB 2.0 and Ethernet with internal print server, 100 card input hopper. Ribbon cartridge sold separately.   |
| FA-52100  | DTC4250e dual-sided printer, USB 2.0 and Ethernet with internal print server, 100 card input hopper. Ribbon cartridge sold separately.   |
| FA-55520  | DTC4500e dual-sided printer, USB 2.0 and Ethernet with internal print server, 200 card dual-input hopper, lamination module; and bar code printer. Ribbon cartridge sold separately.   |
| FA-89003  | HDP5000 dual-sided printer, USB 2.0 and Ethernet with internal print server, 100 card input cartridge. Ribbon cartridge sold separately.   |
| <b>Ribbon Cartridges</b>  |  |
| FA-45100  | For DTC4250e printer. YMCKO* print cartridge with cleaning roller, produces 250 imprints.  |
| FA-45110  | For DTC4250e printer. YMCKOK* print cartridge with cleaning roller, produces 200 imprints.   |
| FA-45210  | For DTC4250e printer. YMCKOK* print cartridge with cleaning roller, produces 500 imprints.   |
| FA-84052  | For HDP5000 printer. YMCKK*, produces 500 imprints. Must use with FA-84053 clear or FA-84054 holographic retransfer film.  |
| FA-84057  | For HDP5000 printer. YMCKI*, produces 500 imprints. Must use with FA-84053 clear or FA-84054 holographic retransfer film.  |
| <b>Cleaning Supplies</b>  |  |
| FA-44260  | For DTC4250e printer. Contains 3 cleaning rollers.   |
| FA-47725  | For DTC4500e printer. Contains 3 cleaning rollers.   |
| FA-86177  | For DTC4250e and DTC4500e printers. Contains 2 print head cleaning pens, 10 cleaning cards and 10 cleaning pads.   |
| FA-89200  | For HDP5000 printer. Contains 4 print head cleaning swabs, 10 cleaning cards, 10 cleaning pads and 3 alcohol cleaning cards.   |
| <b>Badging Accessories: Encoders, Consumables, Cables and Cameras</b> |  |
| FA-47709  | ISO Magnetic Stripe encoder for DTC4250e and DTC4500e printer.   |
| FA-82601  | PolyGuard Overlamine (1.0 Mil - Overlamine Clear - 250 Count) for use with DTC4500e and HDP5000 printers.  |
| FA-84053  | Clear HDP retransfer film required for printing cards with HDP5000 printer. Yields 1,500 imprints.   |
| FA-84054  | High secure (prevents tampering and counterfeiting) orbit design holographic retransfer film required for printing (composite type only) cards with HDP5000 printer. Not for use with thermal transfer lamination. Yields 500 cards. |
| FA-81754  | CR-80 size UltraCard 30mil PVC cards – package of 500 cards.   |
| FA-85625  | USB 2.0 high speed interface cable, 1.8 m (6 ft)   |
| ID-DIGCAM   | Logitech HD Portable Webcam with motorized tracking.   |

\* Indicates the ribbon type and the number of ribbon panels printed where Y=Yellow, M=Magenta, C=Cyan, K=Resin Black, I=Inhibit, O = Overlay

## Related Products



ioProx Proximity Cards



ioProx Proximity Readers



KT-400 4-Door Controller



EntraPass Security Management Software

## Approvals



[www.kantech.com](http://www.kantech.com)