





PRODUCT BULLETIN



eMerge Photo-ID & Visitor Management Printers

Printer Specifications

| | TATTOO | PEB3LE | DUALYS | QUANTUM |
|--|---|--|---|---|
| |  |  |  |  |
| Description | Monochrome Single Sided | Full Color Single Sided | Full Color Dual Sided | High Volume Dual Sided |
| Print Mode | Monochrome thermal paper | Color dye sublimation & monochrome thermal transfer | Color dye sublimation & monochrome thermal transfer | Color dye sublimation & monochrome thermal transfer |
| | Line Barcode, Graphic, Logo Diffusion for Photo printing | | | |
| Print Speed Monochrome | 500 cards/hour | Up to 1000 cards/hour | Up to 1000 cards/hour 1side, Up to 350 cards/hour 2 sided | Up to 1000 cards/hour 1side, Up to 350 cards/hour 2 sided |
| Print Speed YMCKO(K) | NA | 150 cards/hour in full color | 140 cards/hour 1 side, 110 cards/hour 2 sided | 141 cards/hour 1 side, 110 cards/hour 2 sided |
| Edge to Edge Printing | NA | Yes | Yes | |
| Support Drivers | W95/98/Me/NT 4.0/2000/XP | W95/98/Me/NT 4.0/2000/XP & Mac OS X | Win NT 4.0/2000/XP | Win NT 4.0/2000/XP |
| Supplied Software | NA | eMedia Card Designer | eMedia Card Designer | N/A |
| Resolution | 300 dpi (11.8 dots/mm) | 300 dpi (11.8 dots/mm) | | 300 dpi |
| Card Loading Modes | Automatic | Automatic | | |
| Ribbon Types | | | | |
| Black, blue, red, green monochrome; 600 cards/roll | ✓ | ✓ | 1000 cards/roll | 5000 cards/roll |
| White, gold, silver & scratch-off monochrome; 500 cards/roll | ✓ | ✓ | ✓ | 1000 cards/roll |
| Black/WAX for ABS, varnished plastic & paper cards | ✓ | ✓ | ✓ | ✓ |
| 2 panel black monochrome; 500 cards/roll | | ✓ | ✓ | ✓ |
| 5 panel color (YMCKO); 400 cards/roll | | ✓ | ✓ | ✓ |
| 6 panel color ribbon YMCKO(K); 200 cards/roll | | | ✓ | ✓ |
| Half-panel color (YMCKO); 400 cards/roll | | ✓ | ✓ | ✓ |
| Hologram; 350 cards/roll | | ✓ | ✓ | ✓ |
| Card Types | PVC, Composite PVC,PET, ABS, varnished plastic & paper cards | PVC, Composite PVC,PET, ABS, varnished plastic cards | PVC, Composite PVC,PET, ABS, varnished plastic cards | PVC, Composite PVC,PET, ABS, varnished plastic cards |
| Card Format | ISO CR-80, ISO 7810 (3.375" x 2.125") Maximum print area: 2.04" x 3.26" | ISO CR-80, ISO 7810 (3.375" x 2.125") Maximum print area: 2.04" x 3.26" | ISO CR-80, ISO 7810 (3.375" x 2.125") Maximum print area: 2.04" x 3.26" | ISO CR-80, ISO 7810 (3.375" x 2.125") |
| Card Thickness | 0.25mm (10 mil) to .76mm (30 mil) | 0.25mm (10 mil) to 1 mm (40 mil) | 0.25mm (10 mil) to 1 mm (40 mil) | 0.76 mm |
| Card Feeder Capacity | 300 cards @ 10 mil - 100 cards @ 30 mil | 300 cards @ 10 mil - 100 cards @ 30 mil | 301 cards @ 10 mil - 100 cards @ 30 mil | 2 x 500 cards |
| Printer Size | 6.53" H x 11.42" W x 7.36" D | 7.55" H x 9.25" W x 15.59" D | 9.44" H x 20.66" W x 10.35" D | 20.07" H x 27.55" W x 11.81" D |
| Printer Weight | 5.5 Lbs | 13 Lbs | 29.76 Lbs | 55 Lbs |
| Electrical | 110-230Volts CA, 60-50 Hertz | 110-230Volts CA, 60-50 Hertz | 110-230Volts CA, 60-50 Hertz | 110-230Volts CA, 60-50 Hertz |
| Warranty | 1 Year | 2 Years | 2 Years | 1 Year |



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Printer & Printer Supplies Order Information

| Part # | Card/Badge Printers |
|---|--|
| NOTE: Printers do <u>NOT</u> come with ribbons. Select appropriate ribbon below. | |
| EA-EV-E2001U | Tattoo Monochrome single side card printer |
| EA-EV-E5001RU | Pebble Color single side card printer |
| EA-EV-E3001U | Dualys Color dual-side card printer |
| EA-EV-E4001U | Quantum Industrial Color dual-side card printer |
| Card/Badge Printing Supplies | |
| Monochrome Ribbons for: Quantum, dualys, Pebble Printers | |
| EA-EV-R2011 | Black Monochrome Ribbon 1000 cards per roll |
| EA-EV-R2012 | Blue Monochrome Ribbon 1000 cards per roll |
| EA-EV-R2013 | Red Monochrome Ribbon 1000 cards per roll |
| EA-EV-R2014 | Green Monochrome Ribbon 1000 cards per roll |
| EA-EV-R2015 | White Monochrome Ribbon 1000 cards per roll |
| EA-EV-R2016 | Gold Monochrome Ribbon 1000 cards per roll |
| EA-EV-R2017 | Silver Monochrome Ribbon 1000 cards per roll |
| EA-EV-R2018 | Scratch Off Monochrome Ribbon 1000 cards per roll |
| EA-EV-R2019 | BlackWAX Monochrome Ribbon (for ABS and special varnished cards) |
| EA-EV-R2121 | Black Monochrome Ribbon 5000 cards per roll (QUANTUM PRINTER ONLY) |
| Monochrome Ribbons for: Tattoo Printer | |
| EA-EV-R2211 | Black Monochrome Ribbon 600 cards per roll |
| EA-EV-R2212 | Blue Monochrome Ribbon 600 cards per roll |
| EA-EV-R2213 | Red Monochrome Ribbon 600 cards per roll |
| EA-EV-R2214 | Green Monochrome Ribbon 600 cards per roll |
| EA-EV-R2215 | White Monochrome Ribbon 500 cards per roll |
| EA-EV-R2216 | Gold Monochrome Ribbon 500 cards per roll |
| EA-EV-R2217 | Silver Monochrome Ribbon 500 cards per roll |
| EA-EV-R2218 | Scratch Off Monochrome Ribbon 500 cards per roll |
| EA-EV-R2219 | BlackWAX Monochrome Ribbon (for ABS and special varnished cards or cardboard) 600 cards per roll |
| Multi Panel Ribbons for: Quantum, dualys, Pebble Printers | |
| EA-EV-R3011 | 5 Panel Color Ribbon YMCKO 200 cards per roll (DUALYS & PEBBLE PRINTERS ONLY) |
| EA-EV-R3012 | 2 Panel Monochrome – Black TT + Varnish 500 cards per roll |
| EA-EV-R3013 | Half-Panel Color Ribbon – YMCKO 400 cards per roll |
| EA-EV-R3111 | 5 Panel Color Ribbon YMCKO 1000 cards per roll (QUANTUM PRINTER ONLY) |
| EA-EV-R3114 | 6 Panel Color Ribbon YMCKOK 800 cards per roll (QUANTUM PRINTER ONLY) |
| Hologram Ribbons for: Quantum, dualys, Pebble Printers | |
| EA-EV-R4001 | Optoseal® Hologram Ribbon 350 cards per roll |
| Cards | |
| EA-EV-C1001 | Premium Blank White Cards - 30 mil (5 packs of 100 cards) |
| EA-EV-C1003 | Premium Blank White Cards with a HICO Magnetic stripe - 30 mil (5 packs of 100 cards) |
| EA-EV-C2001 | Blank White Paper Cards – 10 mil 5 packs of 100 cards |
| EA-EV-C4001 | Blank White Cards -30 mil 5 packs of 100 cards |
| EA-EV-C4003 | Blank White Cards with a HICO Magnetic Stripe -30 mil 5 packs of 100 cards |



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