

# HID<sup>®</sup> ELEMENT<sup>™</sup>

## UV Ink Printer System

| FEATURES  |   |
|---|---|
| <b>Dual-Sided Printing</b>                              | Standard  |
| <b>Warranty</b>   | Printer module and printheads: 12 months  |
| UV INK PRINTER CHARACTERISTICS                          |   |
| <b>Printing Type</b>                                    | UV Cured Inkjet   |
| <b>Card Material Types</b>                              | PVC, Composite, and Polycarbonate (PC)  |
| <b>UV Ink Types</b>                                     | Yellow (Y)<br>Magenta (M)<br>Cyan (C)<br>Black (K)<br>Fluorescent (F)<br>Clear Overlay (O)<br>White (W) |
| <b>Printing Resolution</b>                              | Up to 1200 DPI  |
| <b>Printer Ink Channels</b>                             | Up to 6   |
| <b>Ink Channel Configurations (Factory Set)</b>         | YMCKOF<br>YMCKOO<br>Other Ink Configurations are available via CPD (Custom Product Order)               |
| <b>Communication Interface</b>                          | Ethernet LAN (printer system) / USB 2.0 (encoders)  |
| <b>Registration Capability</b>                          | Camera Registration System (optional)   |
| <b>Printing Speed</b>                                   | Up to 300 single-sided cards per hour (@ 600 DPI)   |
| <b>Dimensions (UV ink printer/one input/one output)</b> | 18.5" H x 37.0" W x 24.5" D (470mmH x 940mmW x 622mmD)  |
| <b>Weight (UV ink printer/one input/one output)</b>     | 96 lbs / 43.6 kg  |
| <b>Power Input</b>                                      | 100-240 VAC, 6.0 A MAX, 50 Hz - 60 Hz   |
| <b>Operating Environment</b>                            | 60°F to 90°F (15°C to 32°C), 20% to 80% non-condensing humidity   |
| <b>Certifications</b>                                   | UL, CE, FCC Class-A   |
| SYSTEM SECURITY STANDARDS                               |   |
| <b>Locking Card Input Hopper</b>                        | Yes   |
| <b>Locking Card Output Stacker</b>                      | Yes   |
| <b>Lockable Printer Housing</b>                         | Yes   |
| SYSTEM COMMUNICATION STANDARDS                          |   |
| <b>Supported Software Drivers</b>                       | Windows® 7 / 10 / Server 2008 R2 / Server 2012 R2 / Server 2016   |
| CARD STANDARDS  |   |
| <b>Card Size</b>  | CR-80 only  |
| <b>Card Input Capacity (1 Hopper)</b>                   | 400 cards (.030" / .762mm)  |
| <b>Multiple Input Hopper/Output Stacker Capability</b>  | Yes, up to 4 input and output modules (for a total capacity of up to 1600 cards)                        |
| <b>Card Output Stacker Capacity (1 Hopper)</b>          | 400 cards (.030" / .762mm)  |
| <b>Card Thickness</b>                                   | .030" (30 mil) / .762mm   |
| <b>Card Cleaning Station</b>                            | Yes   |
| OPTIONS   |   |
| <b>ISO Magnetic Encoding</b>                            | Yes   |
| <b>Contact Smart Card Encoding</b>                      | Yes   |
| <b>Contactless Smart Card Encoding</b>                  | Yes   |



North America: +1 512 776 9000 | Toll Free: 1 800 237 7769  
 Europe, Middle East, Africa: +44 1440 714 850  
 Asia Pacific: +852 3160 9800 | Latin America: +52 (55) 9171-1108

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