

DIGITALPERSONA READER



The DigitalPersona reader is an elegant, powerful fingerprint identity machine. With an executive-class look and feel, the DigitalPersona reader is **perfect for power users and shared environments.**

Design

The design is sleek and compact and conserves valuable desk space. It stays right where you put it because of its good heft and special undercoating.

Sensor

The DigitalPersona reader utilises optical fingerprint scanning technology to achieve excellent image quality, a large capture area and superior reliability. It has an unmatched ability to authenticate even the most difficult fingerprints accurately and rapidly, regardless of placement angle.

Lighting

The DigitalPersona radiates an attractive blue glow that provides an unobtrusive presence in low-light environments and also ensures that it does not compete with alarm colours in settings such as healthcare.

* Heavy Duty

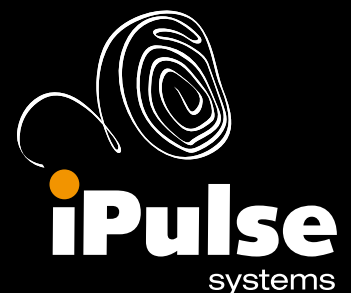
The Heavy Duty (HD) reader has a tough coating that stands up to physical and chemical abuse while delivering high accuracy and performance for hard-to-read fingerprints.

FEATURES

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| Blue LED |
| Small form factor |
| Excellent image quality |
| Superior ESD resistance |
| Encrypted fingerprint data |
| Latent print rejection |
| Counterfeit finger rejection |
| Rotation invariant |
| Rugged |
| Works well with dry, moist or rough fingerprints |
| Compatible with Windows Vista, XP Professional, 2000 and Windows Server 2000, 2003, 2008 |

SOFTWARE APPLICATIONS

The DigitalPersona reader can be purchased for use with DigitalPersona Pro Workstation, DigitalPersona Pro Kiosk, DigitalPersona Online, DigitalPersona Personal or any of the DigitalPersona SDK packages. Whether you are an enterprise customer, a system integrator or a home user, DigitalPersona's fingerprint authentication solutions provide a natural extension to your security system and applications.





DIGITALPERSONA READER

TECHNICAL SPECIFICATIONS

| | | DigitalPersona | DigitalPersona Heavy Duty |
|--|--|------------------|---------------------------|
| Features | | | |
| Blue LED | | • | • |
| Small Form Factor | | • | • |
| Excellent Image Quality | | • | • |
| Superior ESD Resistance | | • | • |
| Encrypted Fingerprint Data | | • | • |
| Latent Print Rejection | | • | • |
| Counterfeit Finger Rejection | | • | • |
| Rugged | | • | • |
| Works well with dry, moist or rough fingerprints | | • | • |
| Compatible with Windows Vista, XP Professional, 2000 and Windows Server 2000, 2003, 2008 | | • | • |
| Heavy-duty Rating | | | • |
| Key Specifications | | | |
| Pixel Resolution | 512 dpi (average x, y over the scan area) | • | • |
| Scan Capture Area | 14.6 mm (nom. width at centre) 18.1 mm (nom. length) | • | • |
| 8-Bit Greyscale | 256 levels of grey | • | • |
| Reader Size (Approximate) | 65 x 36 x 15.56 mm | • | • |
| Compatibility | USB 1.0, 1.1 and 2.0 (full speed) specifications | • | • |
| Use | Indoor, home and office | • | • |
| Ratings | | | |
| Supply Voltage | 5.0 V ± 5% supplied by USB | • | • |
| Supply Current – Scanning | | 190 mA (Typical) | <100 mA (Typical) |
| Supply Current – Idle Mode | | 140 mA (Typical) | 120 mA (Typical) |
| Supply Current – Suspend Mode | | 1.5 mA (Maximum) | <0.5 mA (Maximum) |
| ESD Susceptibility | >15 kV, mounted case | • | • |
| Operating Temperature | 0 to 40 °C | • | • |
| Humidity Operating | 20% - 80% non-condensing | • | • |
| Temperature Storage | -10 to 60 °C | • | • |
| Humidity Storage | 20 to 90% non-condensing | • | • |
| Scan Data | 8-bit greyscale | • | • |
| Standards Compliance | FCC Class B, CE, ICES, BSMI, MIC, USB, WHQL | • | • |
| Application Interface | Microsoft ActiveX | • | • |

About iPulse

iPulse Systems is a manufacturer of biometric and GSM-based devices and is committed to developing advanced next-generation solutions around these technologies.

iPulse Systems works through a structured, tier-based channel, and sells products throughout sub-Saharan Africa, Brazil and Australia.

iPulse Systems is a privately owned South African company which is a subsidiary of the dynamic Richmark Holdings group of companies.

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