TARGET APPLICATIONS

• Desktop PC security
• Voting
• Entitlements
• Finance and Banking
• Healthcare and Pharmacy

FEATURES

• FIPS 201 PIV certified
• Low power consumption
• Fine-grained power control
• Compact size
• Landing lights for finger tracking
• Red/green status LEDs
• Blue illumination
• 500dpi and 1000dpi images
• Highly durable glass top surface
• IP64 rated
• High quality fingerprint image
• Counterfeit finger rejection
• Compatible with Windows® 7, CE, XP Professional, Linux and Android 4.x

KEY SPECIFICATIONS

• Pixel resolution: 500dpi (native), 1000dpi (interpolated)
• Scan capture area: 12.8 mm x 16.5 mm
• 8-bit grayscale (256 gray levels)
• Reader size (approximate): 72 mm x 39 mm x 21.7 mm
• IP64 rated
• USB 2.0 (High Speed)

PRODUCT DESCRIPTION

The U.are.U 5160 Fingerprint Reader is a FIPS 201/PIV-certified, touch-style USB peripheral. This compact, optical fingerprint reader is designed for use in harsh, demanding environments. Rated at IP64, the U.are.U 5160 is sealed against dust and liquids and its hard glass imaging window is highly resistant to chemical and physical damage.

Ergonomic blue "landing lights" help guide the user for simple, accurate fingerprint scans. Applications can also use red and green status lights built into the reader to provide immediate feedback without the need for a separate display screen. The U.are.U 5160 Reader can be used with any standards-compatible fingerprint templates extractor or matcher, including the DigitalPersona® FingerJet™ Biometric Engine.

The U.are.U 5160 Fingerprint Reader is designed for use with DigitalPersona's full range of software including our U.are.U Software Development Kits, as well as our authentication solution, DigitalPersona Pro Enterprise. Whether you are a system integrator or an enterprise customer, DigitalPersona's biometric identity verification solutions provide a natural extension to your security system and applications.
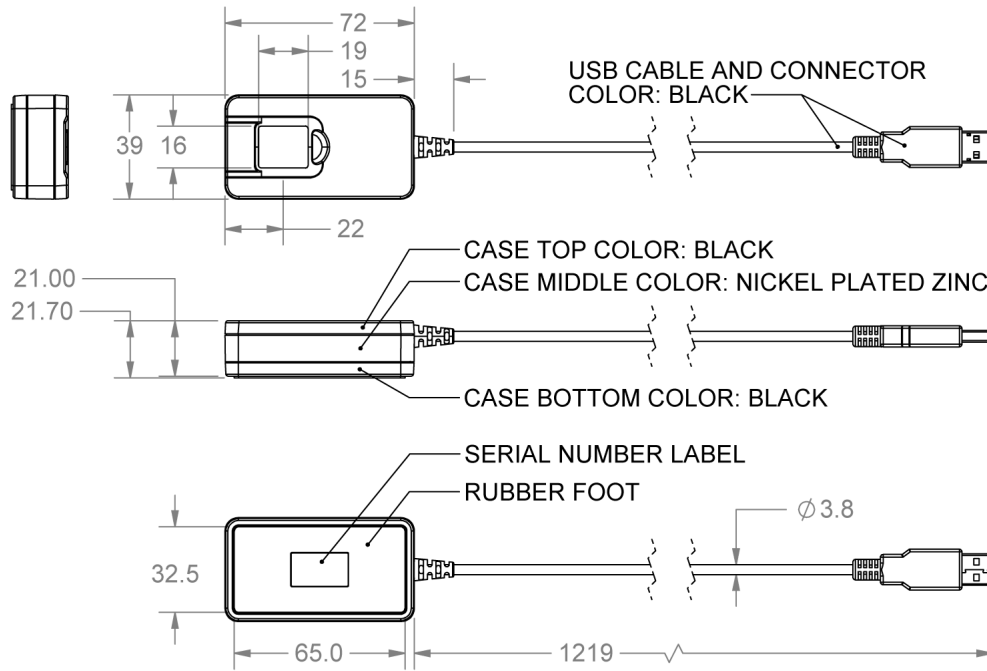
ABOUT DIGITALPERSONA, INC.

DigitalPersona offers the world's broadest portfolio of biometrics-based identity verification solutions. Applications range from highly secure banking environments and complex government identity programs to basic point-of-sale retail systems. Our solutions verify the identity of more than 200 million authorized users worldwide and significantly reduce the risk of fraud, theft and unauthorized access. Offerings for end-users and system integrators include industry-specific software applications, complete SDKs and a full range of optical, silicon, touch, swipe and embedded readers.

digitalPersona.

U.are.U® 5160 Reader

FIPS 201 PIV Certified USB Fingerprint Reader

Mechanical Specifications

USB CABLE AND CONNECTOR
COLOR: BLACK

CASE TOP COLOR: BLACK
CASE MIDDLE COLOR: NICKEL PLATED ZINC
CASE BOTTOM COLOR: BLACK

SERIAL NUMBER LABEL
RUBBER FOOT

RATINGS		CONNECTOR POINTS
Supply Voltage	5.0V ±5%	USB
Supply Current—scanning	< 120 mA (Typical)	Pin 1: +5V
Supply Current—idle mode	< 120 mA (Typical)	Pin 2: D -
Supply Current—suspend mode	< 0.5 mA (Maximum	Pin 3: D +)
Temperature, Operating	0 - 40 C	Pin 4: Ground
Humidity, Operating	20% - 80% non-condensing	Pin 5: Shield
Temperature, Storage	-10 - 60 C	
Humidity, Storage	20% - 90% non-condensing	
Scan Data	8-bit grayscale	
Top Surface	IP64 rated	
Interface	USB 2.0 High Speed	
Weight	130 grams	
Standards Compliance	FIPS 201 PIV, RoHS, WEEE UL, USB, WHQL	

Data subject to change without notice.

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