

# U.are.U 4500

Optical USB Fingerprint Reader



## Description

The U.are.U 4500 Fingerprint Reader is an optical USB fingerprint reader and perfect for individual desktop users, as well as multiple users in shared environments. Its compact design conserves desk space in enterprises, and its professional, modern appearance looks elegant in point-of-sale environments.

The U.are.U 4500 Fingerprint Reader utilizes optical fingerprint scanning technology to achieve excellent image quality, a large capture area, and superior reliability. A silicone coating allows it to read a wide range of fingerprints accurately and rapidly regardless of placement angle. The high-quality metal casing resists unintentional movement.



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## Typical Application

- Desktop PC security
- Mobile PC security
- Custom applications

## Features and Benefits

- Blue LED
- Small form factor - conserves valuable desk space
- Excellent image quality - high-quality optics ensure best image every time
- Superior ESD resistance
- Special undercoating
- Encrypted fingerprint data
- Latent print rejection
- Counterfeit finger rejection
- Rotation invariant
- Rugged construction - high-quality metal casing weighted to resist unintentional movement
- Works well with dry, moist or rough fingerprints

For any biometric scanner to capture and/or match, biometric software is mandatory - and does not ship with the scanner. Please contact [sales@fulcrumbiometrics.com](mailto:sales@fulcrumbiometrics.com) or call (210)257-5615 #1 to ensure you are compiling the best solution for your needs.

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

## Technical Specification

Physical	Dimensions: 65 mm x 36 mm x 15.56 mm Weight: 105 grams Operating Temperature: 0 - 40°C Storage Humidity: 20% - 90% non-condensing Supply Voltage: 5.0V ±5% supplied by USB USB 1.1 and 2.0
Fingerprint Sensor	Optical scanning area: 14.6 mm (nom. width at center) 18.1 mm (nom. length) Image resolution: 512 dpi, 8-bit grayscale (256 levels of gray)
PC Requirements	All supported Windows platforms
Certifications	FCC Class B, CE, ICES, BSMI, MIC, USB, WHQL
Compatibility	<a href="#">Fulcrum Biometric Framework (FbF®)</a> , VeriFinger SDK and MegaMatcher SDK

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