

# U.are.U 4500 OEM

USB Fingerprint Reader Module



## Description

The U.are.U Module is a small form-factor, miniature USB fingerprint reader designed for integration into OEM equipment where fingerprint verification or identification is needed.

The U.are.U 4500 Module is designed to simplify OEM integration. The module is sealed from dust and includes convenient mounting features. The on-board electronics automatically control calibration, encryption, and data transfer over the USB interface.

A user simply places a finger on the reader window, and the reader quickly and automatically captures and encrypts the fingerprint before sending it to the appropriate engine for verification.



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## Typical Application

- PC peripherals, keyboards
- Kiosks, point-of-sale terminals
- Physical entry devices
- Time and attendance terminals

## Features and Benefits

- Small form factor
- Blue LED (in idle mode)
- Excellent image quality
- Encrypted fingerprint data
- Latent print rejection
- Counterfeit finger rejection
- Rugged
- 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.

## Technical Specification

Physical	Dimensions: 60.2 mm x 32.4 mm x 11 mm Weight: 16 grams Operating Temperature: 0 - 40°C Storage Humidity: 20% - 80% non-condensing Supply Voltage: 5.0V ±5% supplied by USB USB 1.1 and 2.0
Fingerprint Sensor	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
Standards/Compliance	RoHS, WEEE, WHQL, UL Listed - File E254976 (Model U.are.U 4500 OEM)
Compatibility	<a href="#">Fulcrum Biometric Framework (FbF®)</a> , VeriFinger SDK and MegaMatcher SDK

### Fulcrum Biometrics, Inc.

16108 University Oak  
San Antonio, Texas 78249  
Office: 210-257-5615  
Fax: 210-257-5769



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