

# EcoID III

## Enhanced Accuracy, Unmatched Protection.



The EcoID III reader takes BIO-key's range of highly accurate and convenient fingerprint sensor solutions to an even higher level of security.

Building on the proven Active Thermal® principle, the EcoID III fingerprint reader offers excellent image quality and constant accurate performance, producing fewer false acceptance and false rejection rates than other available solutions and resulting in excellent user experience.

The EcoID III fingerprint reader supports Trusted Device Communications, protecting the transfer of the fingerprint data with encryption to the host. The EcoID III meets the FBI image quality standards and complies with PIV requirements specified by PIV-071006. It also supports Liveness detection preventing latent image and fake finger attacks.

### KEY FEATURES



Large sensing area & ultra-thin form factor



Cost effective solution



Works well with moisture and sweaty fingers



Low sensitivity to electrical and environmental noises



FAP-20 sensor certified by FBI /PIV and NIBS



Immune from bright light interference



High resolution image with low power use



Direct contact sensor for sharp image – no optical distortion

### SPECIFICATIONS

Sensing Area 15.24mm x 20.32mm

Image size 300x400 pixels

500 DPI resolution

Scan time 0.8 seconds

Power 5.0 volts

Scan Current 90mA typical

Standby Current 400µA

Scratch resistance DLC coating for 20N @ 9H

Dust/Water Resistance IP67 protection

Operating conditions -20°C to +60°C

PIV-071006 FAP-20 compliant

Leading anti-spoof (Liveness) detection

Secure Trusted Device Communications (AES-256 Encryption)

Microsoft Windows Biometrics Framework (WBF) driver

Supports fast and reliable Windows Hello Authentication