OYSTER III

Plug n' Play – plug it into your laptop and you never need your password again

The Oyster III reader takes Next Biometrics' range of highly accurate and convenient fingerprint sensor solutions to an even higher level of security.

Building on the patented and proven NEXT Active Thermal™ principle, the Oyster 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 an excellent user experience. LED support indicating finger placement and scan completion provides for an improved user experience.

The Oyster III reader supports secure channel communication to transfer the encrypted fingerprint image to the host. The reader meets FBI image quality standards and complies with PIV requirements specified by PIV-071006. Based on its anti-spoofing ability, it reliably rejects latent fingerprint images and prevents against fake finger attacks. In addition, the secure application locking feature enables secure end-to-end communication between the sensor module and customer applications.

KEY ADVANTAGES

- Works regardless of light Conditions – Sunlight immunity
- Direct contact sensor for sharp Image – No optical distortion
- Superior moisture and sweaty Finger performance
- Low sensitivity to electrical and Environmental noise
- Form factor enables 360-degree authentication – Authenticate at One Touch in any direction
- Cost effective solution

SUITABLE FOR

- Windows Logon
- Single Sign-On (SSO)
- Enterprise Authentication
- Time and Attendance
- Physical access control

KEY FEATURES

- Large sensing area and ultra-thin form factor
- Cost effective solution
- FAP20 sensor certified by FBI (PIV) and NIBS
- Immune from sunlight interference
- Work well with moisture and sweaty finger
- Low sensitivity to electrical and enviromental noise
- High resolution image with low power consumption

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