SuperVision
biometric systems

IdentiPod™

- Embedded solid state biometric terminal for all data capture and authentication requirements
- Robust terminal is dust and splash proof
- World's most advanced thermal fingerprint reader - self cleansing, reads through dirt and grime
- Accommodates variable power supply - mains, vehicle or battery
- Integrated keypad and modem options
- XP Embedded OS supports 3rd party applications

First finger identification terminal designed for all African conditions

tmX IdentiPod™

The **IdentiPod™** is a rugged, stand-alone biometric terminal which incorporates the **Certis®** fingerprint reader and can be used with a wide range of software applications.

Developed by tmX, one of Africa's leaders in fingerprint identification systems, the **IdentiPod™** has been designed for Africa's robust and challenging work environments.

The terminal uses a self-cleansing thermal fingerprint scanner which, unlike optical or capacitive scanners, can read through heavy grease and grime to capture an exceptionally clear image of the print (see image below).

The **IdentiPod™** terminal can operate in a freestanding capacity or plug into a LAN where it integrates fully with existing IT infrastructures. It is small enough to be mounted inside any vehicle, where it can be driven by the vehicle's battery. A GSM modem can be built into the unit allowing data to be sent in real time from an operating site to an office location.

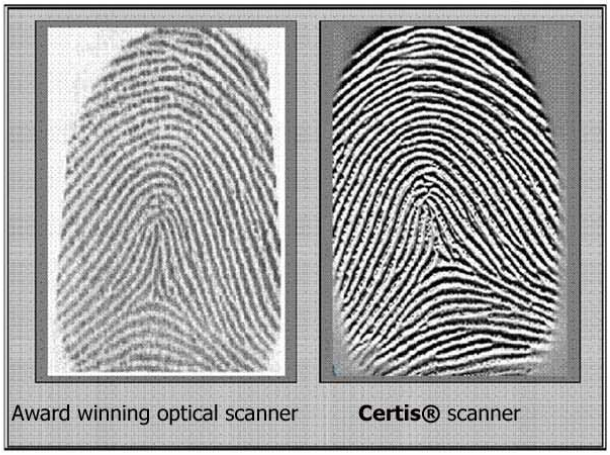
The unit has a full colour screen which allows an operator to work on the terminal as they would with a standard PC. This screen can also be used for application specific purposes – for example, an individual's photo can be displayed when a scan is made, providing illiterate users with visual confirmation that their scan has been successful.

The **IdentiPod™** runs the **SuperVision™** biometric software which features an advanced algorithm capable of enrolling and recognising even the most eroded and damaged finger.

Up to 2500 fingerprints can be stored in the **SuperVision™** database which will match a finger in identification mode (1:n biometrics) in less than one second. If used in verification mode, 20000 fingerprints can be loaded. With a memory upgrade, up to one million prints can be stored.

The **SuperVision™** biometric software is also application independent allowing the **IdentiPod™** to be used in conjunction with tmX's access control or time & attendance software or a software program from a 3rd party vendor.

The **IdentiPod™** runs on a standard MS Windows® operating system giving it the flexibility to run to integrate with 3rd party hardware devices.


Award winning optical scanner **Certis®** scanner

Benefits

- Solid state stand-alone terminal
- Dust and splash proof – conforms to IP55 standards
- Fixed or mobile deployment with GSM modem option
- Self-cleansing scanner reads through grease, oil and grime
- Software algorithm ensures all fingers can be enrolled and recognised – even damaged / eroded fingerprints
- Operates in identification (1:n) or verification (1:1) modes
- Matching time < 1 second

Applications

- Plug & play with tmX data capture, time & attendance and access control software
- Easy integration with 3rd party application software e.g. welfare payout, procurement management, point of sale, voter registration

IdentiPod™ technical specifications

- 128Mb RAM (upgradeable)
- 640 x 480 6.4" VGA TFT colour screen protected by sealed Perspex sheet
- Operating temperature of -10°C to +60°C
- Shock resistant to 10G
- Power: 12, 24 or 220 volt
- Dimensions and weight: L: 200mm H: 160mm D: 110mm W: 2.5kg
- Communication ports: 1 x USB; 1 x Serial; 1 x LPT; 2 x PS2 ports for mouse and keyboard; 1 x LAN port; 1 x VGA screen output

IdentiPod™ options

- Built in GSM modem
- Touch Screen
- Built in relay box
- Rubberised keypad with programmable buttons

Certis® specifications

- 500 dpi Twain format image
- Operating temperature: -20°C to +70°C
- ESD resistance: 16kV air discharge
- Power: 5V DC (min. 4.5V – max 5.5V) Typical Amps: 150mA
- Communication port: USB1.1 Full (12Mbits/s)
- Electronics reliability: 50,000 hours / min 5 years at 25°C
- Sensor reliability : >1 million finger sweeps
- Finger motion speed: 2cm/s - 20cm/s
- Drivers: Windows 2000 and XP
- Dimensions: W 49mm; L 67mm; H 24mm