

PC-trueID

USB Optical Biometric Fingerprint Scanner

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simplifying communications



Innoviti's PC-trueID is a high performance USB fingerprint scanner for fingerprint authentication in desktop or network security. The 500 dpi optical fingerprint sensor inside PC-trueID has an extremely durable and scratch resistant sensor surface. PC-trueID has no wear mechanism and free from damage from electrostatic discharge (ESD). PC-trueID is supported by Innoviti's UniFinger Engine SDK containing world's leading fingerprint authentication algorithm(ranked No. 1 in FVC2004 and FVC2006).

Features

- Reliable image quality of 500 DPI
- Hard and strong sensor surface
- Standard USB interface support
- Plug and play installation
- Windows XP Support

- Outstanding authentication performance combined with Innoviti's UniFinger Engine SDK
- Template format: ISO 19794-2, ANSI 378-2004
- Verification and Identification compatible with Innoviti trueID and trueID-GPRS systems

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Applications

- Financial inclusion
- Health insurance
- Time and attendance monitoring
- Biometric identity projects
- National identity card projects
- Driving license projects
- AFIS

Innoviti Embedded Solutions Pvt. Ltd.,

"NGR the Edge", No.41,
2nd & 3rd Floor, 3rd Main, 5th Cross,
Saibaba Mandir Road,
Cambridge Layout, Halasuru,
Bangalore 560008
Tel: 91 80 40701403 Fax: 91 80 40701450
URL: <http://www.innoviti.com>

SYSTEM SPECIFICATIONS

| | |
|--------------------------------|--|
| Sensor technology | Optical |
| Sensing area | 15.9mm x 17.9mm |
| Image size(pixels) | 288 x 288 |
| Image resolution | 500 dpi, 8 bit gray scale |
| Interface | USB 2.0 high speed and full speed |
| Operating temperature | -10 °C ~ 50 °C |
| ESD resistance | > 15 kV |
| Supported OS | MS Windows XP |
| Template format | ISO 19794-2, ANSI 378-2004, Innoviti proprietary |
| Authentication time | (1:1): < 0.8s |
| FAR (False Acceptance Rate) | 1:10000 or better |
| Template encryption (optional) | 128-bit AES |

MECHANICAL DIMENSION

| | |
|--------------|---------------------------------|
| Dimension | 40 x 77 x 70.5 mm (W x L x H) |
| Cable length | 1600 ± 50 mm |