

Communicator

Fingerprint Option

For more secure authentication and verification purposes, ergonomically embedded rugged **fingerprint area sensor** provides a reliable, quick and user-friendly alternative or complement to passwords, PINs, signatures and other forms of user authentication.

Target Solutions

- Identity Verification
- Process Authorisation
- Device Access Authentication
- Proof of Delivery
- Attendance Control

Area Sensor

- One-touch scanning
- User-friendly, intuitive usage (contrary to swipe sensor)

More Secure Authentication

Ergonomical Placement

High Abrasion Resistance

- Unscratchable surface
- Long-lasting solution

Physical Characteristics

Dimensions	18 x 12.8 mm (0.7 x 0.5 in)
Operating Temperature	-10 to +50° C
Operating Humidity	5% to 93% RH at 30° C

Data Capture

CMOS	256 x 360 sensor array format
Protective Coating	against abrasion, scratching, and wide variety of chemicals
Grayscale Image Depth	Full 8-bit
Resolution	508 dpi

Storage Capacity

On-Module Memory	12 Fingerprints
Communicator or Server	unlimited number of Fingerprints

Software

User Access Authentication software	
SDK for custom application development available upon request	

Some of the possible Solutions

Identity Verification

In an application employing person identity verification by means of fingerprint scanning, data and fingerprint transmission is matched against a back-end system.

Device Access Authentication

In order to unlock the device and gain access to its full functionality, the user might be required to submit his/her fingerprint image. By means of a **special software application provided by Gotive**, the digital scan of a person's fingertip can be compared to the fingerprint images of up to 10 people authorised to use the device in question.

The authentication process via fingerprint image capturing can also be embedded in the **application written for the end-customer**. This may include '1 to many' authentication, in which the scanned image is matched against a number of records from the fingerprint database. Specific features of the application enable to extend the number of records in the database from 10 up to several tens, e.g. by updating the image database of the module from the device or from other external sources.



More secure authentication than signature. Even more secure when used together with optional Smart Card reader.



Unscratchable surface



User-friendly, intuitive usage



Authorised check-out of the Communicator when combined with Docking Station's E-Lock (Electrical Locking) option.

For more information contact sales@gotive.com or visit www.gotive.com

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