



Main Features

- Secure biometric fingerprint verification
- Resistance to forgery
- Replaces proximity cards, pin code input, etc.
- Fast and easy to use
- Stand-alone or PC controlled operation
- LAN or TCP/IP network
- Direct actuator and alarm drive



Suitable Applications

IMMSkan 300 is biometric fingerprint terminal designed to work with time & attendance and access control systems. It can work in stand-alone or network mode with computer connected via RS-232/485 interface or Ethernet TCP/IP network.

Functional Description

IMMSkan 300 ensures credible user verification. It utilizes fingerprint capacitance sensor.

Reader has various functions. It registers fingerprint samples, entry / exit events, enables user access rights management and device parameters configuration.

Scanned fingerprint is compared with previously registered sample. Positive verification induces event registration into internal memory and door open signal (in access control systems). Event (also entry / exit event) data is send to managing software via RS-232/485 interface or computer network. User recognition proceeds locally, it speeds up whole verification process, door opening delay and makes reader proof against network breakdowns.

Security

Biometric technology utilized in **IMMSkan 300** provides highest level of security in time & attendance and access control systems.

Technical Specification

False rejection rate	< 0,1%
False acceptance rate	< 0,01%
New user registration time	< 3 s
Verification time	< 1 s
Verification samples stored	up to 1000
Alphanumerical display	2x16 letters
Digital – functional keyboard	4x4 keys
Interface	RS-232, RS-485, Wiegand, Ethernet
Door bolt drive	up to 1A
Alarm line	up to 1A
Two input lines	from door sensor and door switch
Sensor type	capacitance
Input power	DC 12 V 1 A

Software

IMMSkan 300 reader works under control of **XChronos** software system (time & attendance and access control) developed in Institute of Mathematical Machines.

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