



# MicroTIP

## Finger Print Reader/Controller



### MicroTIP : Finger Print Reader/Controller

Finger-scan Identification / Verification eliminate any concerns about stolen, loaned or compromised proximity cards, the MicroTIP leverages finger scan verification & Smart card reader technology (optional) to prevent unauthorized access.

The Reader matches the finger-scan of the person seeking entry, in case of only finger(1:N) mode. Alternatively it can also be used for dual authentication in Card + Finger (1:1) mode using Mifare Reader.

### Benefits :

- ❖ Self-contained unit performs Enrollment, Identification (1:N mode), Verification (1:1 mode) and stores up to 1,900 finger templates.
- ❖ Online Data Push Mode to Remote Server using LAN(Internet or Broadband)
- ❖ Industry's most accurate finger-scan algorithm (No. 1 in FVC)
- ❖ Convenient **Compro7** software package provides user-friendly fingerprint template enrollment and administration capabilities
- ❖ Provides Identification Mode in only finger(1:N) mode. Alternatively provides dual-factor authentication : a Smart card : something you have, and a biometric : something you are
- ❖ Built-in compatibility with Mifare card infrastructures (optional)
- ❖ User-friendly installation with pigtail connections & mullion mount Compatibility
- ❖ Simple and quick enrollment of finger scans, less than 2 seconds
- ❖ Intuitive user interface with red, amber and green LED

### Hardware feature :

- » Optical, Scratch Proof, Biometric Finger Scan Reader
- » Built-in memory to store 1900 Finger Template data
- » Built-in TCP/IP for Finger Template Transfer
- » Built-in Mifare Card Reader (Optional) Interface for verification in 1:1 mode (Optional)
- » Built-in Multi tone Buzzer for annunciation
- » Bicolor LED for "Allowed" (Green) or "Denied" (Red) indication
- » Amber LED indication for online Push Mode connection to Server
- » Single 12V DC Power Input

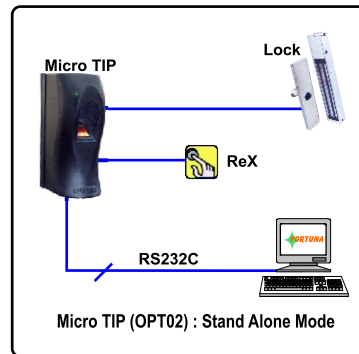
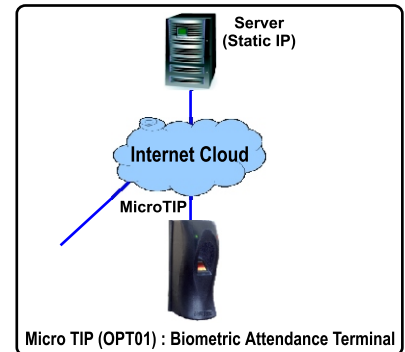
### Multiple Mode of Operation :

- ✘ Stand Alone terminal Mode for Biometric Attendance (OPT-01)
- ✘ Relay output for Stand-alone mode for Access Control with NO/NC selection, Request-to-Exit Input for Access Control Application (OPT-02)
- ✘ Weigand output Port for interfacing to Checkmate Series Access Control Panel (OPT-03)
- ✘ Exit Biometric Reader for Gateway200 Tip/MicroBEN Bio for Access Control Application (OPT-04)

### Application Area :

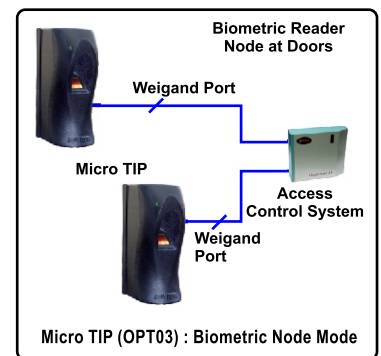
#### Model : MicroTIP(OPT 01) :

Used as Biometric Attendance Terminal in Stand-Alone Mode with Data Push to Server



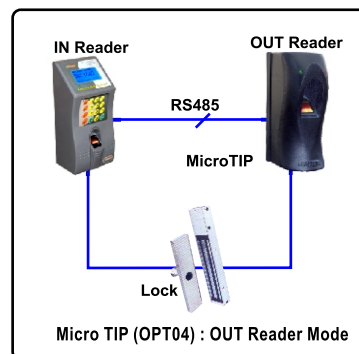
#### Model : MicroTIP(OPT 02) :

Stand-alone Access Control System in Identification Mode (1:N) Mode



#### Model : MicroTIP(OPT 03) :

Used as a Bio-metric Reader Node (1:N) for Checkmate Series Access Control Panel



#### Model : MicroTIP(OPT 04) :

Used as Exit Biometric Reader for Gateway 200\_Tip /MicroBEN Bio terminal for Intelligent single door Biometric Access Control Application