O-Zone Bio

GeNext Finger Print Based T & A System

- "Push" Data Technology
- Power-over-Ethernet LAN*
- GPRS or WiFi Communication*

Technical Information

CPU	High Performance 32 Bit ARM Core CPU
Memory	90,000 Transaction Storage
Keyboard	4X4 Membrane Keyboard
Display	128 X 64 Pixel Graphic Backlit LCD
Power	Wide Range SMPS Adaptor (90-260V AC)
Finger Print Sensor	Optical(16 X 19 mm) @500 DPI (280 X 320)
Sensor Surface	Scratch Proof, effective for dry & wet Finger
Algorithm	Minutiea Extraction (FVC2006 Award winning)
Template	1900 Template / 950 users
Allowable Finger rotation	+ / - 90 Degrees
Identification Time	< 1 Second(Typical) for 2000 Fingers
Slave Reader I/F	Smart/Proximity as OUT Reader
Relay Output	12V Wet / Potential Free Contact O/P (2 Nos)
Pen drive Interface	upto 4GB for Transaction/Template Data
UPS	Operational Back-up (Optional)
Dimension	200(H) X 110(W) X 50(D) mm
Temperature	0°C to 55°C
Humidity	Upto 98% RH(Non-condensing)

Identity verification for Attendance & Access Control application in an enterprise is made fast & easy for busy entry/exit station using Finger Print based biometric System, O-zone Bio offers economic solution for definitive & secure processing of finger print for attendance in any organisation. The data is downloaded in online / offline mode to a PC for Time Office related Reports and data required for payroll. The self directive user interface, to assist subject , O-zone Bio is a trendy ABS molded and rugged DIY (do-it-yourself) product.

Fortuna uses FVC award winning sensor which is robust & effective for extreme finger condition such as, dry & wet finger. The finger templates are ISO 19794-2 standard for interoperability.

O-Zone Bio can be connected to a door lock/turnstile which is opened only on finger punching, deterring proxy and barring unwanted visitors. A Slave Reader or a Switch for Exit may also be interfaced. It is provided with a suitable termination board for easy connection & installation.

With vast experience in the field & feature-rich product, Fortuna ensures successful implementation of the system in mission critical employee centric initiative. With more then 1 million people recording attendance across Globe, our technical team has been instrumental in implementation in the most challenging sites.

Connectivity with LAN/Broadband/GPRS with Static IP
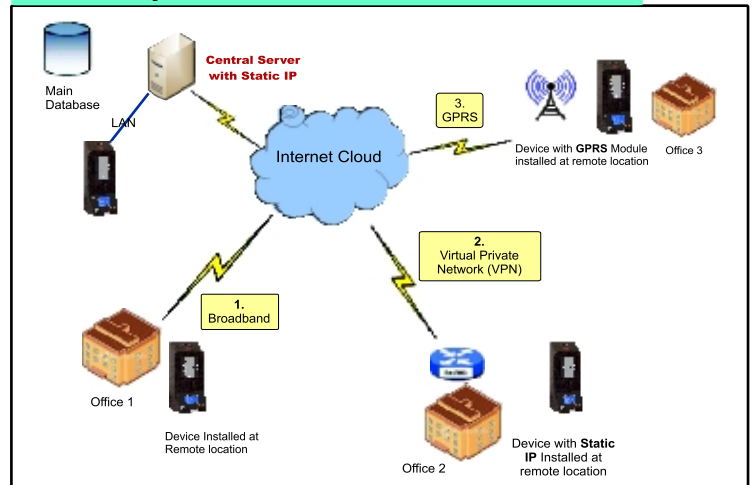

A Pallette of Features :

- ❖ **Push Data Technology** to Server over LAN or Internet using Broad Band/GPRS(additional hardware required)
- ❖ **Auto Updation of Finger Template** to accommodate changes With season
- ❖ **Configurable Number of Fingers** per user : 2/3/4
- ❖ **Web Server Interface** for easy & self configuration
- ❖ **LAN/PoE*/WiFi*/GPRS*** based data transfer to Server
- ❖ **Logical, Unconventional design** for high usability & Graphic LCD for better visibility with Name display
- ❖ **Choice of Built-in card Readers*** (Prox or Smart) for 1:1 matching & "Finger on card" implementation (using Smart Card)
- ❖ **Individual Mode of operation**, e.g. Finger only, Card only, Card +Finger etc.

* Optional

Ordering Information :

- ❖ **O-Zone Bio** : Biometric Attendance Terminal
    - * OPT 01 : PoE Option for Ethernet
    - * OPT 02 / 03 : Smart / Prox Card Reader Option
    - * OPT 04 : UPS & Battery with 2Hrs Backup (upgradable)
    - * OPT 05 : WLAN Port
    - * OPT 06 : Built-in GPRS Option
- ❖ **MicroSMART/MicroPROX** : Slave Reader for OUT
- ❖ **DXS** : Windows based Data Push Service for Server
- ❖ **MIS Time Pro** : Time Office MIS Software for Multi Shift Operation
- ❖ **Door Lock :** (a) Drop bolt (b) EM Lock (c) Strike
- ❖ **Cable :** (a) Communication (b) Lock (c) ReX Cable
- ❖ **Accessories :** (a) 4 port PoE Switch (b) Exit Switch (c) ID Card