

BioSentry-Net
Provisional Product Specification
(Preliminary)

Hardware Specifications: -

- Sensor type : Capacitive solid state device
- Recognition rate : 0.4 seconds for ONE to ONE match
- Resolutions : 500 DPI
- Effective Sensing Area : 12.8mm X 15.0 mm.
- Sensor Array size : 256 X 300 Pixel Sensor array
- FRR (False Rejection Ratio) : 1/1000
- FAR (False Acceptance Ratio) : 1/1,00,000
- Operating Temperature : 0- 60 Degree Centigrade
- Power Supply : 230 V AC
- Maximum Power consumption : 800 mA
- Platform (Drivers for OS) : WIN 98,WIN 2000,ME,XP, Linux

- Data Interface : 10/100 MBPS Ethernet

- Electrical Interface : Potential Free contacts for operating Door Strike with NO and NC options. Door Open Sensor, Buzzer control

- Visual Indication : 2 line X 16 Character Monochrome LCD display

- Set Up operation : Configurable IP address and Subnet mask by external PS2 Keyboard

- Smart Card Interface : Mifare Contactless card (Optional)

- Physical Dimensions : To Be defined

Software Components :-

A Full-fledged suit with default connectivity to 8 BioSentry- Net devices will be provided. The suit will be installed on a PC which acts as central server, located anywhere in the Intranet area, which captures, the fingerprint from the devices, processes, and is verified with the pre-enrolled fingerprint into its own database.

Optional connectivity to other databases like MSSQL, DB2, Oracle etc.