Introduction

A new add on feature in Bio face reader is the **Thermal Temperature Screening**, which helps in checking an employee’s physical well-being by scanning a person’s body temperature while marking the attendance and displaying it on the screen. Also, the machine **denies the access in case of over temperature with audio/visual alert.** This feature can work with multiple bio face reader installed in an office, which means a person can mark the attendance on any machine.

In compliance to adhere the **No contact** policy in public areas, the bio face reader is providing a contactless attendance and access control experience with the help of biometric facial recognition technology which now also detects the human temperature with thermal temperature screening technology.
Features

- Thermal FAR infrared sensing spectrum: 9000~14000 nanometer
- Narrow point temperature sensing
- Temperature measurement range: 32~42 degree celsius
- Ambient temperature range: 16 to 50 degree celsius
- Measurement resolution 0.1 degree accuracy +/- 0.2 degree
- DSP data processing with FIR & IIR filter
- Person/date wise temperature report generation
- Aggregated report generation
Specifications

— Processor: Cortex A7 Dual Core, 1Ghz Processor
— User Capacity: Enroll up to 10,000 users (One face enrollment)
— Display: 3.2”, 240×320 TFT color 262K
— Keypad: Touch, Alphanumeric
— Dimension / Weight: L:165mm H:165mm W:135mm Weight:1.3kg
— Camera: High Resolution Infrared Camera
— IR LEDs for night vision
— Record capacity: Max 1000 days or up to 5 Lac records
— Recognition Algorithm: Feature extraction and pattern matching
— Verification Method: Face recognition / Proximity Card
— Verification Speed: Less than 1 Second
— Operating Distance: 40 – 80 cm
— Operating Temperature: 0 to 50 degree Celsius
— Operating Humidity: 20 to 90% non condensing
— Power : Max 15 watt
— Environment Light : 0-500 Lux
— Communication Method: Standard TCP / IP, USB Host / WIFI / GPRS
— Installation Method : Wall mounting
— Stored Template Size : 4KB Per User (12KB in case of 3 face enrollment)
— Identification Time : 1 ~ 2 Second
— USB Port : Pen Drive for firmware upgrade and data transfer
— Connectivity Port : RJ45 Port for Ethernet Connectivity
— Visual indicator : Green / Red for Acceptance & Rejection
— Audio Indicators : Voice-Guided message (Adjustable volume)
— Battery Backup : In-built battery 11.1V, 4800 mAh backup up-to 6 hours on Continues punching and stand by up 20 hours.
— Per Punch Size : 34 Byte
Operational Modes

- Face recognition
- Proximity Card
Capable to work with

- Flap Barrier
- Tripod Turnstile
- Door Lock
- Exit Button
Servcie & Support
For Any Biometric Needs

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