

Blood Vessel Access Control System

Biometrics

Features

Stand Alone System

Maximum 10,000 templates can be stored.

Network System

Multiple sensors can be networked. Registration can be centralized at command center.

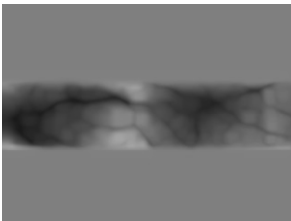
Live Body Detection

Sensor detects live body for authentication.

Two-Factor Security

It needs PIN# and unique templates.

IP Addressable



Summary of Products

The LED in the certain wavelength irradiate finger blood vessels. The hemoglobin in the blood vessels absorb the light and reflect as the dark lines, and the CCD camera captures the trans-illumination image of the geometrical pattern of the blood vessels. Our Systems uses the unique techniques to enhance the image and extracts the characteristic points to make templates. The template is recalled when the user attempts to gain physical access to a secure area. Access is granted based upon the successful matching of a new image with the stored image.



Product Specification

Physical Access Control System (Touch Panel Type) - Sensor:

- Wall installation (special bracket is required.), Indoor Use
- PIN#: Alphanumeric character (1-6 characters)
- Power supplied from authentication controller
- Weight: 720g (0.32Lb) - Body only
- Size: H238mm (10 inch) x W135mm (5.5 inch) x D110mm (4.5 inch)

Authentication Controller:

- Standard Type, PC USB Interface Type
- Maximum numbers of Users: 10,000 (Local)
- Power: AC100V - 200V
- Environment Temperature: 0-40C (32-105F)
- Environment Humidity: 20% - 80%
- Size: H170mm (7 inch) x W245mm (10 inch) x D65mm (2.7 inch)
- Weight: 290g (0.13Lb) - Body only
- Networking: Ethernet TCP/IP (10 base - T/100 base - TXRJ-45)



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