Enterprise Time Recording Solutions VP-II X
Hand Vascular Pattern Recognition System

HVPR is...

User Privacy Protected
User privacy is ensured as the hand vascular data can only be enrolled and verified with the user voluntarily providing their hand to the VP-II X. The vascular pattern cannot be seen by the naked eye and it cannot be inadvertently left behind by user. This eliminates privacy convers users have with other biometric modalities.

Integrated Solutions
The VP-II X solution platform was developed to all industry standards to fully integrate with existing legacy system utilizing Wiegand and TCP/IP protocols. Proximity caeds, and industry standards caeds, including TWIC/PIV, iCLALSS and Mifare.

Usability/Accuracy/Speed
By utilizing individually unique Hand Vascular Patterns, 99.8% of the entire population is able to use the system accurately and with the verification speed of 0.4seconds, eliminating user bottlenecks and the requiremnt of a separate backdoor.

Eliminate Spoofing
The HVPR system uses the vascular data on the blood vessels dispersed in the hypoderm below the surface of the skin on the back of the hand using infrared light, making it 100% tamper-proof.

Harsh Enviroment Robustness
Since VP-II X system utilizes the unique vascular pattern from below the surface of the skin, it is not affected by scars or contamination of hands. This results is no performance degradtion in harsh enviroments such as ports.

VP-II X S P E C I F I C A T I O N

HAND VASCULAR PATTERN RECOGNATION
► Verification Part: Back of the human hands
► Verification Method: By an infrared optical sensor system requring no physical contact with the sensor
► Verification Speed: 0.4sec/person
► Accuracy: FAR : 0.0001%, FRR: 0.01%

DISPLAY
► 2.8" TFT LCD

MAIN FUNCTION
► Timezone Control: Up to 200 Tables
► Sleep Mode: Use IR sensor
► Remote Upgrade: Firmware upgrade by networking & USB Memory
► Card Module (Option): HID Prox MCM Module / iClass / Mifare / DESfire
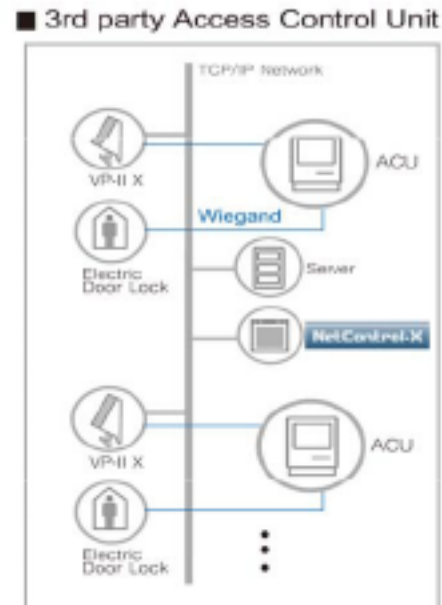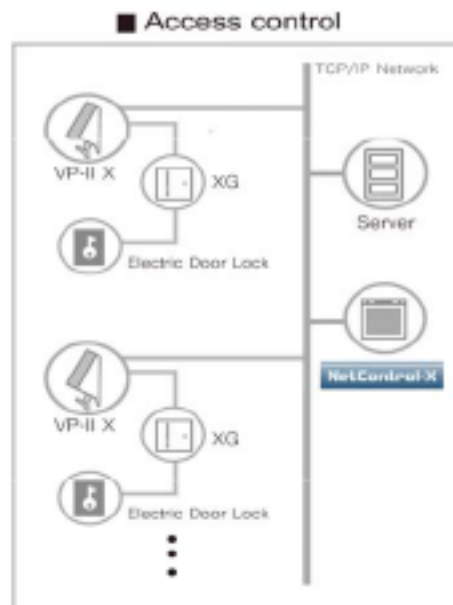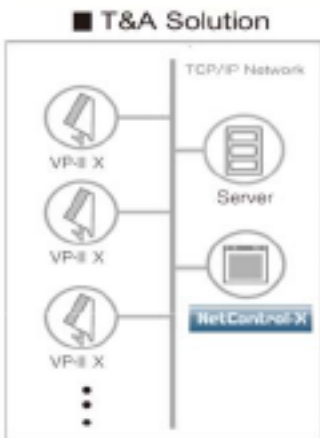► Support Cards: Built-in antena (125Khz/13.56Mhz)

HOUSING AND ENVIROMENT
► Scanner Material: PC+ABS
► Scanner Dimension: 110*200*130 mm
► Scanner Weight: 820g
► Power Voltage: AC100~250V, 50Hz/60Hz

HOW TO USE

The Drawing of VP–II X

NETCONTROL-X

The NetControl-X software provides the functionality of the biometric template manager; a time and attendance data repository; and, a networked access control supervisor for an unlimited number of users. Designed with the non-technical user in mind. NetControl-X is intuitive and can be rapidly deployed throughtout an organization.