Net IP **PalmVEIN**™ *Biology Identification Camera*
SkyCode : Encoder to stream

Safety is no more a dream
The humanity design for handy installation.

Home is no more a distance
Travel over clouds, Creation member club.

Safety is no more a dream
Anti-network jam Attack remover.
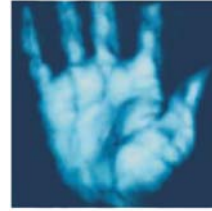
Build castles is no more in the air
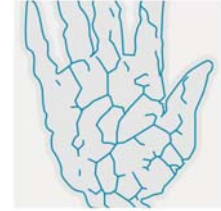Network connection, E-Billboard, Broadcasting

Non-touch PalmVEIN Blood detection

Vein blood absorbs
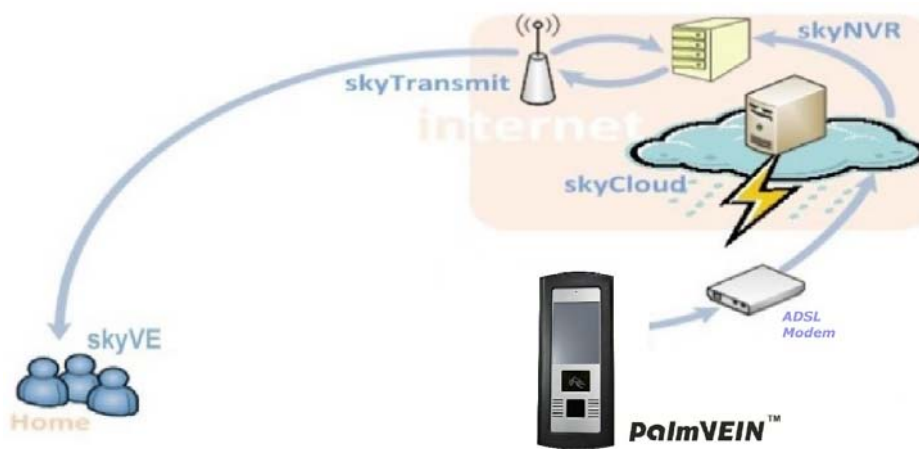the radiation.

Sensor creates
image(5 MB).

Software creates
template(0.8 KB).

PalmVEIN / RFID / Encrypted KB / Network Stream

✳architecture

✳feature

- ✍ Cloud Member Club Registration
- ✍ H.264 SVC scalable video coding
- ✍ Stream of MJPEG
- ✍ TCP/IP, DHCP, HTTP, ICMP, UPnP, ARP, DNS, DDNS, PPPoE, FTP, SNTP
- ✍ Anti-DDOS / ACL
- ✍ None Door Stopping Architecture

- ✍ The identification rate is high. FRR(false rejection rate) = 0.01%, FAR(false acceptance rate) 0.00008%.
- ✍ Compared with finger vein and dorsal hand vein, the palm vein has more identity elements.

For H.264 SVC scalable video coding system

✳specification　　model : nPV301

PalmVEIN / **Vision**	scanner resolution	more than 500 DPI
	scanner sensor	35mm x 35mm
	scanner area	60mm2
	scanner capture	5Mega per picture
	picture transfer	compressor to 800byte (0.8KB)
	storage mode	flash memory in local
	storage capacitor	8GB by flash memory
	storage space	20,000 picture in storage
	sensor distance	40 ~ 60mm
	sensor response	Under 2 second
	false rejection	0.01%
	false acceptance rate	less than 0.00008%
	RFID	13.56MHz
	touch screen	5.7″ Encrypted keyboard
Web Net	ethernet	RJ45, 10/100Mbs
	protocol language	TCP/IP, DHCP, HTTP, ICMP, UPnP
		ARP, DNS, DDNS, PPPoE, SNTP
	security for web	Anti-DDOS / ACL
	wireless web	Optional : WiFi : 802.11 b/g
	communication web	Optional : 3.5G from USB
	power on ethernet	Optional : POE , IEEE802.3af , 13W
Software	Browser	H.264 / IE6.0/ IE7.0/ IE8.0 ,Java M-JPEG
	os language	English, Traditional and Simplified Chinese
	timing correction	Manual, PC sync, SNTP sync
	operator manage	Multi Users / Multi Levels
	event log	Event Log export / erase
	update	HTTP Upload
	record editor	Time , Motion , Multi-Task
	system manage	IE Browser, CMS , SCC (Security Command)
	remote control	Camera, Pan-Tilt, Aux, Alarm, RS485 etc.
Others	GPIO	USB, Alarm, Audio, Door sensor,RS485
	Status of web	Speed LED, Status LED
	Power	DC12V
	Access Dimension	330(L) x 140(D) x 60(W)mm – 2.1Kg
	Host Dimension	210(L) x 140(W) x 50(H)mm – 800g

Specification is subject to change without prior notification.

VPC : Virtual Private Cloud Communication
www.chiper.net.tw