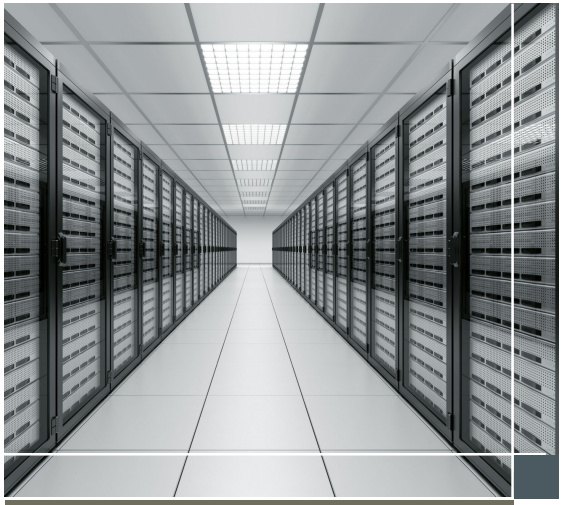

For Data Centre, Bank & Vault

Technical Specification

Enrollment capacity	500 enrollees (standard) 200 department (extensible)
Supported mode of authentication	1:1 Card + Face 1:1 ID + Face 1:1 QR-code + Face 1:N Face Identification
Biometric performance**	FRR<1% when FAR=0.001%
Verification speed	< 1.5 second
Display	5" TFT LCD portrait touch panel (capacitive)
Dual Camera	1/3" CMOS 480 x 720 pixel
Permissible height of user	127cm (chin) ~188 cm (head)
Network protocol	TCP/IP, 100BaseT Ethernet (full duplex)
Proximity card	13.56MHz Mifare I/II / DesFire (other card reader upgradeable)
Wiegand support	4-pin Wiegand In / Out connector
Administration tool	Built-in administration web page
Panel specification	ARM® Cortex™-A17 Quad-Core 1.8GHz 2GB DDR3 RAM / 32GB Flash eMMC

For venue where identity authentication is serious business

Storage capacity	4GB industrial grade CF roughly 20,000 photo logs or extensible
External output	Dry contact
Compensation lighting	White LED panel
Operating luminosity	> 200 lux
Dimension (standard / micro controller)	33.5 x 37.0 x 7.0 cm (W x H x D) 12.0 x 16.0 x 5.0 cm
Dimension (Front panel)	11.5 x 38.0 x 4.5 cm (W x H x D) 2cm depth surface when flush mount
Operating temperature	0° to 50° C
Operating humidity	5% ~ 85% R.H. non-condensing
Power consumption (standard / micro controller)	Input 100 ~ 240V Max. 19W Powered by IEEE 802.3af PoE
Power consumption (Front panel)	Powered by PoE (customized power consumption)
Approval & certification	CE, FCC, RoHS (pending)

* Specification might change without prior notice

**Accuracy depends on actual threshold setting and lighting condition. Like any biometrics, face recognition and liveliness detection intrinsically cannot provide 100% recognition accuracy. The remaining uncertainty has to be considered by the customer and can be operationally covered to a certain degree.

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Made in Hong Kong

FaceSentry Series -5AN

Salient features:

- Major upgrade to latest recognition algorithm: World's leading technology from Cognitec Systems GmbH Germany
- Improved cameras for better quality of captured images that lead to better recognition accuracy
- Better LED illumination panel to enhance image quality further
- Improved frontal panel design: Connect front panel with Recognition Controller by standard PoE (Power of Ethernet) for easier installation, easier support, and more flexible to deploy
- New 5" capacitive touch LCD support Unicode text, graphics & video display to provide more interactive user interface

The Asia's busiest Airport is using FaceSentry™ to validate 5,000,000 restricted zone permit holders yearly!

Our first generation of face recognition access control appliance, named FaceVACS-Sentry, was first launched in 2005. It was a real breakthrough back then. A true turnkey solution to provide face recognition access control out of the box was unseen before the launch of FaceVACS-Sentry. FaceVACS-Sentinel replaced FaceVACS-Sentry in 2008 to provide 1:N identification on top of 1:1 verification, and provide compensation lighting to make the device easier to deploy and provide better recognition accuracy. For many years, FaceVACS-Sentinel is still the top choice of clients who place security, reliability, scalability and manageability in first place. A long impressive list of users from Airports, Bank Data Centres, Real Estate, and Gambling Management industry is testimonial of the outstanding value and reliability of Sentry device.

The device is now re-branded as FaceSentry™ to mark our relentless pursuit for excellent quality of face recognition appliance produced by IWT to enter another new stage.

We build FaceSentry around the world's leading face recognition algorithm FaceVACS® from Cognitec. A list of new features were introduced to maximize the accuracy and reliability of the system, such as fully embedded Linux system with web service, full TCP/IP stack, comprehensive Wiegand protocol support, Master-Slave data synchronization algorithm to achieve one simple aim: manageable security with inter-operability & scalability.

Re-designed front panel, powered by ARM Cortex Quad-Core architecture, a true self-sustained embedded platform, to provide robust & high quality image capture that leads to better recognition accuracy. Besides, as front panel connects to Recognition Controller via Power over Ethernet, location of Controller will not longer be limited to vicinity of front panel, but far away dedicated ELV room for better security.

Portrait camera and 5" LCD provides ultra-wide coverage of different heights of users. Improved capacitive touch screen enable developers with more possibilities to build sophisticated application before or after the user authentication.

Micro Controller Box is the new addition to FaceSentry family, with small footprint, PoE powered, and high cost-performance ratio.