



The face recognition company

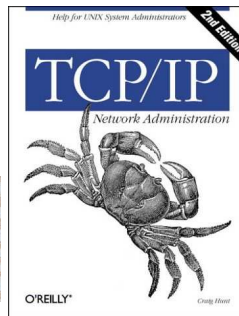


Cognitec FaceVACS® Sentry
Facial Recognition Access Control Appliance
Enhanced Security by a Glance

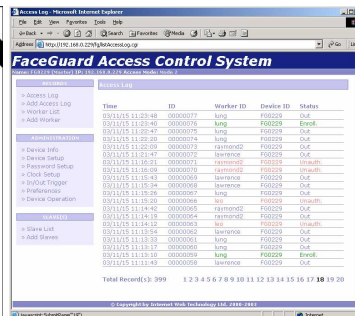
FaceVACS® Sentry Plug-and-Play Facial Recognition



High Quality CCD camera



TCP/IP as primary communication protocol



Configuration & Report viewing via standard web browser

FaceVACS® Sentry is the World's first embedded web server system device with built-in face recognition, access control and time & attendance applications. Embedded server system device supports dual factor user authentication: Face Recognition and Contact-less Smart Card (or other RF-ID token) Authentication.

FaceVACS® Sentry is the flag-ship product of FaceVACS® Guard series of facial recognition appliance product.

FaceVACS® Sentry offers simple and turnkey solution of automatic facial recognition. With exceptionally chic European design, FaceVACS® Sentry will be productive within minutes after it is installed – just fix it near the door, connect it with power, network connection and electric lock: It's all done and FaceVACS® Sentry will be your sentry to safeguard your premise.

You only need to scan your smart card (Mifare®, EM or HID®), take a glance at the 3.5" compact TFT full colour LCD screen, and you will be authenticated within a second. The door will unlock to let you pass through. It is speedy and secure.

FaceVACS® Sentry run primarily on TCP/IP protocol, which is reliable, secure and easy to connect to third-party system, such as building automation system and human resources management software.

Configuration and report-viewing can be done out-of-the-box via standard web browser (e.g. Microsoft Internet Explorer®, Netscape® or FireFox®). All the transaction records are backed up with a snapshot of access seeker to provide irrefutable audit trail. Built-in APIs allow software developers to integrate FaceVACS® Sentry with third-party application or gain more precise control on the system.

Major Features:

- Based on latest and leading FaceVACS® technology, from Cognitec Germany
- True plug-and-play appliance perfect for access control and Time-and-Attendance application
- Dual-factor authentication (right token and right face) for extra security level
- True contact-less operation for easy-of-use and lessened public hygiene concern
- Exceptional Speed: less than 1 second
- Built-in Ethernet connection and TCP/IP stack – easy to integrate with corporate LAN and other PC workstation or server
- Built-in "Master/Slave" mode – enroll once and get access through any Slave appliance in a FaceVACS® Sentry ensemble
- Offline operation is possible. Transaction logs will be synchronized with Master Sentry when connection resume – 100% automatically
- Built-in web server – configuration and report-viewing via standard web browser
- Cross platform compatibility; no need to install special software on any workstations
- All logs are time-stamped and backed by snapshot photo
- Transaction logs can be exported in XML or Excel format right from the browser
- Built-in complete set of API for custom application development or integration
- Provide dry contact, which is Compatible with most electric locks, turnstile or automatic gate
- Custom modification or special integration service available upon request
- CE, FCC, NCC certified

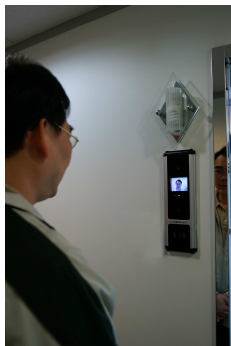
How FaceVACS® Sentry works? It can't be simpler

Exceptional Ease-of-use

Step 1: Scan Card



Step 2: Take a Glance



Step 3: Go!



State-of-the-Art Face Recognition technology

The most intuitive and accurate biometric technology available – FaceVACS® from Cognitec Systems. Face recognition is fast, accurate and easy-to-use. It is so user-friendly that you can hardly make any mistake in using it.

FaceVACS® is robust against typical gesture changes, aging, putting up or trimming down of weight, Pose (+/- 15-degree deviation from front image), Minor partial face occlusion, Beard and hairstyle changes, Wearing glasses (except dark sunglasses), Lighting changes that do not cause strong shadows.

First facial recognition appliance run primarily on TCP/IP

All the software required for the operation is embedded in the device and no dedicated computer is required. No technician is required to maintain the device. FaceVACS® Sentry is 100% maintenance free.

User Friendly Web Administration Interface

FaceVACS® Sentry incorporates an embedded web server, which enables all computers, no matter it is Windows, UNIX, Macintosh or machines in other operating system, in the corporate computer network to setup, maintain and access information of the device using standard Internet browser.

Enhanced reporting capability with built-in Database Server

FaceVACS® Sentry can generate various reports in XML and Excel (.XLS) formats. All reports can be easily downloaded directly from the device via Internet browser. All data are extracted from the built-in database server online real-time without any time delay and need for data conversion process.

Technical Specification

Model no.:	FVS20220M (M – Mifare® version E – EM, H – HID®)
Enrollment Capacity:	500 enrollees
Power:	Input: 100-120VAC 2.8A 200-240VAC 1.6A
Display	3.5" TFT 262K colour LCD
Camera Sensor type	1/3" CCD
Camera Resolution	640*480 pixel
Valid range of Height	127cm (chin) – 188 cm (head)
Verification time	Usually less than 1 second
Number of Department	300 (standard version)
Protocol	TCP/IP
Operating Temperature	0° C TO 50° C
Operating Humidity	5% - 85% RH
Access Mode	4 major modes + auto-enrollment mode & test mode
Storage capacity	1GB Compact Flash roughly 15,000 records (snapshot included)
Network Interface	Ethernet (100BaseT)
External Control	Dry contact
Dimension	Wall-mount unit 391mm x 130mm x 55mm Controller unit 362mm x 285mm x 65mm

* UK Patent Pending. 0623009.8

** Specification may change from time to time without prior notice (3rd Jan 2008)

*** Liveness check is not available under auto-identify mode

§ Mifare® and HID® are registered trademarks of their respective trademark holders

Cognitec Systems GmbH.

Corporate Profile



Cognitec Systems develops and markets the well-established and world-leading FaceVACS® face recognition software.

Cognitec's software experts have been developing face recognition technology since 1995. Industry and government customers use FaceVACS® for physical access control since 1996. The installation of the SmartGate system at Sydney International Airport in 2002 was a major step towards a solution for automatic border control using Cognitec's software.

Cognitec's products implement efficiently the different processes involved in today's identity management systems using facial data, such as:

- . Acquisition of standard facial photos
- . Management of identity information
- . Duplicate check
- . Background check
- . Identity verification.

Cognitec's products are easy to use, flexible, extendable, and take into account current industry standards. An easy integration of all our products is ensured, assisted by excellent documentation, tutorials, and training.

In various independent evaluation tests, FaceVACS® has proven to be one of the leading products on the market. A successful track record of our products confirms fast recognition times and excellent performance.

Cognitec's technology and products build upon the extensive knowledge of our scientists and software engineers who have been working with face recognition systems for years.

Cognitec are focused on face recognition technology and application. Our commitment is to deliver the best performance available on the market.

For Enquiry & Demo:

Developer:

MEGAsys

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