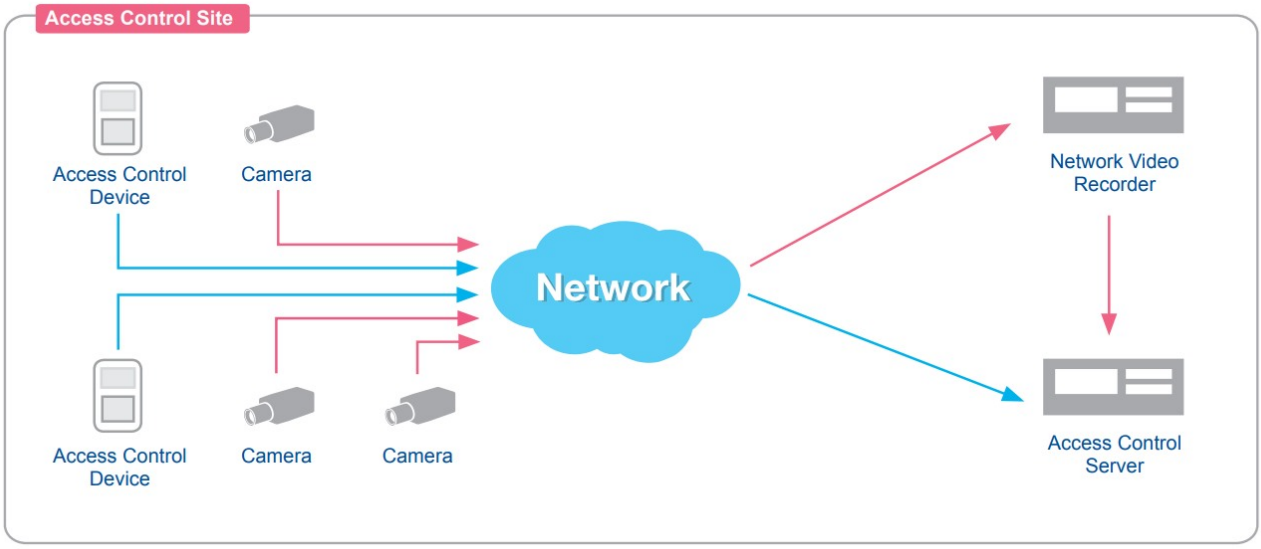
ACS-100



Access Control Smart Server (ACSS) is a comprehensive and user friendly Central Management Software (CMS) for managing multiple facial recognition devices over the network. It can be easily installed on a Windows based PC/laptop without special configuration of database and system resources.

Solution Diagram



Specifications

Product Profile

Product Type	Access Control Server

Description	Access Control Smart Server (ACSS) is a comprehensive and user friendly Central Management Software (CMS) for managing multiple facial recognition devices over the network. It can be easily installed on a Windows based PC/laptop without special configuration of database and system resources.
Maximum Number of Devices	200 Access Control Devices

Hardware

CPU	Intel Core i7-8700
RAM	8GB, DDR4, 2666MT/s

License

License required	Yes
Free License	1 (R1-series access controller devices)

Market Application Suite Features

Main Features	● Real-time event monitoring of all connected devices ● Provide a central location for administrator to do event log, user and device management ● Backup facial templates, event data and captured images ● Export reports for access control, attendance management ● Batch import profiles to all access control devices
Real-time Event Monitoring	● Get instant alerts of system events from multiple access control devices ● Delay of alert < 1 second ● Display alerts in different colors based on the priority
Event Log Management	● Backup all events including image snapshots and securely store them in the database ● Search log by conditions, including User ID, Device, Event Type, and Date Duration ● Sort log by Date, Location, Device, Event Type, User ID/User Name ● Export image files ● Export log to reports in standard CSV, TXT and Excel format ● Generate printable report documents for attendance management
User Management	● Enroll new users; edit and remove existing users ● Download one or multiple user facial templates ● Batch upload multiple user profile templates to multiple access control devices ● User upload and download in the background while processing other tasks ● Manage user personal information in the database ● Group concepts to easily manage users or employees
Notification	● Pop-up window on the web user interface ● Instant e-mail notification ● App push notification ● Customized alarm rule for different location requirements
Dashboard / Report	● Manual export of report based on user preference ● Automatic export of report on a Daily / Weekly / Monthly basis
Device Management	● Add new devices; edit and remove existing devices ● Classify device based on its installation location (Site, Level, and Room) ● Display real-time system information of each device ● Multiple language support ● Group concept to easily manage access control devices
Add-On Function (Optional)	● Meeting resource management system integration ● Human resource system management ● Media management system integration ● NVR integration with snapshot and playback function

Audio

Audio Type	2-way, Mic-in, Line-in, Line-out

Network

Network Protocol & Service	IPv4/v6, TCP, DHCP Client, HTTP, HTTPS, DNS, NTP, SMTP, FTP
Ethernet Port	2 x Ethernet (1000 Base-T), RJ-45 connector

Event

Event Response	Send E-mail Notification, Send LINE notification message

System

Server Operating System	Windows 11 IoT Enterprise High End
USB	9-Port USB 3.0, 1-Port USB Type C

Integration

Web Browser	Google Chrome, Microsoft Edge, Firefox

Storage

System Drive	M.2 SSD, 256GB
Storage Bay	SATA, Max. 1 Disk(s) (Optional for project request)
HDD Size	3.5"

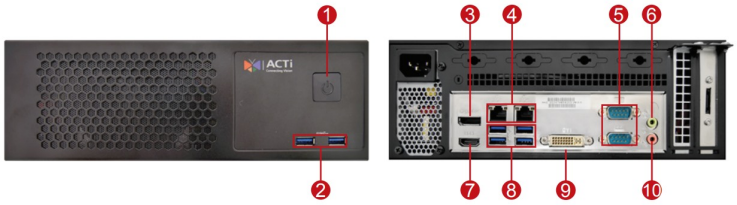
Interface

Audio Interface	1/1, 3.5mm Phone Jack
External Storage Interface	eSATA, iSCSI
Local Access	USB keyboard & mouse
Local Display Interface	HDMI x 1, Display Port x 2

General

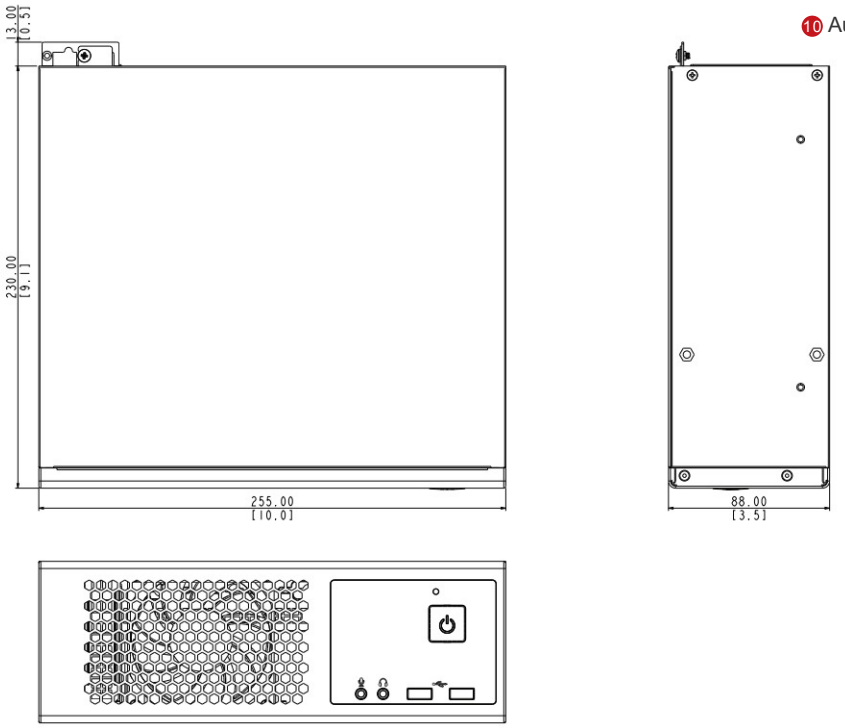
Power Source	AC 100-240V
Power Supply	250W
Weight	3172g (6.993lb)
Dimensions	(W x H x D): 255mm x 88mm x 230mm (10" x 3.5" x 9.1")
Fan	Yes, 1 fan(s)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Remote Access	Web management (HTTP/HTTPS)
Approvals	CE, FCC
Color	Black
Warranty	3 Year(s). For extended warranty offering, see http://www.acti.com/support/warranty

Photo Indication



1. Power Button
2. USB 3.0 Port
3. Display Port
4. Ethernet Port
5. Serial Port
6. Audio Line-out
7. HDMI Port
8. USB 3.0 Port
9. DVI Port
10. Audio Mic-in

Dimension Diagram



Unit: mm [inch]

Ordering Information

LACS3002	License for the service module of Construction Site Management within the product Access Control Smart Server.
LACS3003	License for the service module of Attendance Management within the product Access Control Smart Server.
LACS3004	License for the service module of Visitor Management within the product Access Control Smart Server.
LACS3005	License for the service module of Meeting Room Management within the product Access Control Smart Server.
LACS3006	License for the service module of Food Ordering Management within the product Access Control Smart Server.
LEXD1000	The license is for access control reader and network I/O device to work on ACS-100, Access Control Standard Server. The number of add-on device supported: 1-300 (ACS-100), No Limit (Access Control Standard Server). Price listed is for single device add-on license.

Related Products

Add-on Software - Database Management System

PSQL-0105	SQL Server Standard 2017 IoT 4 Core

Other Accessories - Accessory Part

R718-B0002	Windows 10 LTSC 2019 License