

Access Easy Controller 2.1 Course Outline

- Course Title:** Access Easy Controller 2.1
- Duration:** 3 Days
- Target Audience:** Installation, Service, Project Managers
- Total Attendees:** 8
- Objectives:** Upon successful completion of this course the participant should be able to:
- Identify basic hardware components of the AEC2.1 Panels
 - Demonstrate the initial controller configuration.
 - Demonstrate the operation of the panel, including:
 - Adding and enrolling the cards
 - Advanced configuration
 - Advance Input Output features
 - Setting up the Video verification feature
 - Identify primary documentation for installing and troubleshooting procedures.
- Prerequisites:** Hands-on experience using troubleshooting equipment, including multimeters, wire strippers and screwdrivers. Students should also have basic PC skills.

Course Content:

Module 1: AEC 2.1 Overview and Features

- Access system Basics
- Control Panel Features
 - Basic Functional Features
 - Advanced Features
 - Video Integration

Module 2: AEC 2.1 Installation and Hardware

- Architecture of Access Easy Controller 2.1
- AEC 2.1 System Specifications
- AEC 2.1 Panel Hardware
 - CPU Board and Software
 - Reader Board (REX/RTE , Door Contacts (DPS), Strike O/P)
 - Input-output board
 - Power Supply unit
- Card Readers and Keypad functions
- Installation of Readers and Field Devices
- Common Alarm Output
- Entry and Exit Reader Wiring Diagram for a Single Door

Module 3: AEC 2.1 Initial Controller Configuration

- Minimum System Requirements
- Configuring TCP/IP on the Remote PC
- Web browser Settings
 - Logging into Access Easy Controller
- Main Menu Overview
 - Activity
 - Card Administration
 - Configuration
 - System settings
 - Reports

Module 4: AEC 2.1 System Configuration

- System Settings
 - Network Settings
 - Date and Time / NTP
 - Email and SMS
- Advance Settings
 - System Maintenance
 - Firmware Upgrade
 - Database Backup (Brief introduction)
 - Customer Logo
 - Video SDK
- Schedules and Holidays
- Device Configuration
 - Doors
 - I/O Configuration
- Card Administration
 - Card Enrollment
 - Batch Cards
 - Importing and Exporting Card Database
 - Reset Anti-Passback (APB) Feature
- Access Groups
- Card Format
- Department
- Activity Transactions
 - Transactions
 - Default settings
 - Introduction to online Swipe
- User Administration
- Reports and System Log
- Data base Backup

Module 5 Video Setup

- Video – Adding the Video Devices
 - Manually and Auto detect options
 - Adding Cameras to Doors, Input and Output Point.
- Video Setup (In depth)
 - Online Swipe
 - Surveillance camera setup
 - Camera Monitoring
 - Video Verification

Module 6 Input/Output Setup - Application Scenario

- Input and Output Setup
 - Adding the Board
 - Advance I/O (Interlock / Mantrap etc)
 - Criteria
 - Alarm Zone (No Connection with Intrusion)
- Input point Configuration – Tie up with Intrusion Panel (G-Series Interface)
 - Alarm Zone Description
 - Mantrap
 - Anti-Passback feature

Module 7 Access Easy Utilities

- Data Base Backup
- Report Generator
- IP Setup Utility
- Data Base Administrator

Final Exam: Passing grade is 75% or higher

Practical Content: At least 70% hands-on