

AC-525

Video Integrated Networked Access Controller



AC-525 IS A HIGHLY ADVANCED NETWORKED CONTROL PANEL THAT OFFERS UNIFIED ACCESS CONTROL AND DIGITAL VIDEO RECORDING AT MPEG-4 FORMAT AND WEB SERVER COMPONENTS.

THIS FULLY FEATURED ACCESS CONTROLLER MANAGES 30,000 USERS ACROSS TWO DOORS (EXPANDABLE UP TO 4 DOORS). THE DIGITAL VIDEO SERVER COMPONENT SUPPORTS 2 ANALOG CAMERAS WITH PTZ, AND VOICE, WEB SERVER AND A LOCAL DVR USING USB STORAGE DEVICE. THIS COST EFFECTIVE 2-IN-1 CUTS DOWN INTEGRATION AND INSTALLATION COSTS AND IS EASY TO CONFIGURE AND OPERATE.

GENERAL DESCRIPTION

The system features a powerful ARM9-based architecture with DSP, which is a leading technology video chipset including a web server and DVR running on Embedded Linux OS.

All panel features can be accessed with a single Ethernet port and IP Address, and each panel is expandable by an additional 2-door module (MD-D02) or 8/4 input/output module (MD-IO84).

USB storage devices can be connected for high capacity local DVR on the edge.

Multiple panels are managed using Rosslare's modular and scalable client / server software AS-525 AxTrax for Access Control Management and ViTrax for NVR Management, storage and Surveillance.

MAIN FEATURES

- Compact full featured integration with complete 2-door physical access control interface including 2 channels of digital multimedia. Install less hardware units, which are dedicated to both fields
- Advanced, fully featured Access Control and analog cameras integration to trigger video recording upon any event in the access control panel

- Compatible with almost any type of Analog Cameras, Microphones and Speakers for Video and Voice recording and real-time monitoring
- Supports ISO Standard MPEG-4 IPP video streaming. For connecting to remote NVR hardware or software
- Available with custom lockable housing with sounder, AC/AC transformer with space for up to 7Ah Sealed Lead-Acid Backup Battery
- On Board 3Amp power supply with battery Charger for 7Ah SLA backup battery

OPTIONS FOR EDGE DATA STORAGE

- On-Board pre-alarm and post event timers and custom recording preferences
- On-Board USB 2.0 connection for external USB 2.0 compliant flash drive or Hard Disk for Edge DVR

APPLICATIONS

- Perfect for educational, financial, commercial, health, transportation, military and many other applications
- Remote LAN / WAN Video Surveillance and Digital Multimedia Recording

SPECIFICATIONS

PC SERVER SOFTWARE	For AS-525 AxTrax™ and AS-525 AV ViTrax™ Client/Server Platforms
<ul style="list-style-type: none"> ■ Operating System 	Microsoft® Windows® XP – for both Server & Client PCs
<ul style="list-style-type: none"> ■ PC Minimum Requirement 	Pentium IV 3.0 GHz / 512 MB RAM / CD or DVD RW/ 100 MB HDD Space / 100 MBps TCP/IP LAN Card / RS 232 D 9 Serial Ports
<ul style="list-style-type: none"> ■ Database 	Microsoft® MS SQL Server & Proprietary Multimedia Data Server
PANEL FEATURE-ACCESS CONTROL	
<ul style="list-style-type: none"> ■ Supports Multiple Reader Modes: 	2 Reader interface ports with Tamper and LED control, expandable to 4 doors using MD-D02 expansion unit
<ul style="list-style-type: none"> ■ Relay Outputs 	4 Form-C 5 Amp Relays (expandable with up to 4 outputs and 8 inputs with MD-IO 84 IO expansion unit)
<ul style="list-style-type: none"> ■ Analog Inputs 	4 On-board EOL supervised Analog Inputs
<ul style="list-style-type: none"> ■ Serial Communication 	1 On-board RS-485 Port for direct sub-networking
<ul style="list-style-type: none"> ■ TCP/IP Ethernet Adapter 	On-Board 10/100 MBPS Ethernet Port
<ul style="list-style-type: none"> ■ Event log size 	20,000 history events per panel
<ul style="list-style-type: none"> ■ User Capacity 	30,000 Users associated in logical Groups
<ul style="list-style-type: none"> ■ Networking 	Up to 1023 Networked Panels per AxTrax PC Server: Supports TCP/IP Sub-networks over LAN /WAN – Drivers Included, Supports PSTN Modem, and RS 485 Sub-networks
<ul style="list-style-type: none"> ■ Time Zones 	Up to 32 Time Zones can be assigned to Access / Reports / Update
<ul style="list-style-type: none"> ■ Holidays 	Up to 64 Holiday Dates
PANEL FEATURE- DIGITAL VIDEO	
<ul style="list-style-type: none"> ■ 2-Analog Video Inputs 	2 Encoders on-board that stream MPEG-4 at up to 30 fps / single channel in D 1 Resolution or 8 fps for 2 Channels at D 1 Resolution, scalable down to QCIF
<ul style="list-style-type: none"> ■ PTZ controls 	2 Local PTZ serial ports
<ul style="list-style-type: none"> ■ Audio Inputs 	2 Analog mono microphone inputs
<ul style="list-style-type: none"> ■ USB Port 	USB 2.0 supports Flash drives USB Disk for Edge DVR
<ul style="list-style-type: none"> ■ Embedded Linux 	Web Server to view and configure the Video Server using IE
SYSTEM COMPONENTS	The system supports Rosslare's MD-D02 2-door expansion, MD-IO84 IO Expansion, wide range of readers on standard Wiegand communications and different types of accessories.
PRODUCT WARRANTY	2-year Limited Product Warranty

ABOUT ROSSLARE SECURITY

Rosslare Security Products, a division of Rosslare Enterprises Ltd., has been manufacturing high-quality security products since 1980. The company's three main lines – Access Control, Intrusion Detection and Guard Patrol – together with a growing product range have transformed Rosslare Security into a major worldwide force in security. Rosslare holds itself to the highest standards of customer service and manufacturing (ISO 9001:2008, ISO 14001:2004, ISO 13485:2003). The company complies with the EU Directive 2002/95/EC on Restriction of Hazardous Substances (RoHS).

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