Datasheet

ACS-PAVRC-TRA | Professional AV Recorder and Camera Tracking



Key features

- Provides 5 channels of 4K video signal capture and encoding.
- Supports 5 HDMI inputs and 4 HDMI outputs for flexible switching.
- 2-inch LCD display shows recording status, channel info, network, and storage.
- Compact and portable with integrated video, audio, and USB I/O interfaces.
- Supports HD and SD signals with automatic format identification.
- Simultaneous recording of video, audio, and computer screen with local preview playback.
- Records in standard MP4 format for compatibility.
- PC-based management and control system.
- Works with conference controller ACS-WLCCU for camera auto-tracking & recording.
- Live streaming over LAN or Ethernet.

Product Overview

The Macsys ACS-PAVRC-TRA is a professional AV recorder and camera tracking system designed for conference and multimedia environments. It supports up to 5-channel 4K video signal capture, recording, and live broadcasting, ensuring high-quality output for meetings, training, and events. With multiple HDMI inputs/outputs, audio interfaces, and control options, it offers seamless integration with conference controllers for auto-tracking and recording.

Techinical Specification

Featues	Detail
Video	
Video Signal Channels	5 channels of 4K video signal capture and encoding
Video Inputs	5 × HDMI inputs
Video Outputs	4 × HDMI outputs
Signal Support	Supports HD and SD signals with automatic identification and flexible layout combinations
Display	2-inch LCD showing recording status, broadcasting status, channel status, network info & logo
Recording Format	Records and generates standard MP4 video files
Audio	
Audio Inputs	2 × Audio Line In
Audio Outputs	2 × Audio Line Out
Headphone Monitoring	1 × 3.5mm headphone jack
USB & Storage	
USB Interface	2 × USB 2.0, 1 × USB 3.0, 1 × USB-OTG
Control & Network	
Control Ports	2 × RS485, 2 × RS232
Control Protocols	RS485/RS232 (3-pin 3.8mm phoenix), TCP/IP over RJ45 (100m)
Network	1 × RJ45 Ethernet port (LAN, TCP/IP protocol)
Network Streaming	Supports live broadcast over LAN or Ethernet
System Management	PC accessible for configuration and system control
Camera Tracking Compatibility	Compatible with ACS-WLCCU conference controller for auto-tracking and recording
Mechanical & Power	
Equipment Form Factor	Compact, portable, integrated HD video/audio I/O device
Chassis	1U Rack-mount
Dimensions	482 (L) × 270 (W) × 45 (H) mm
Weight	2 kg
Power Supply	DC 12V, 3A adapter
Certifications	CE, RoHS compliance

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