Datasheet

ACS-CAT-CON | Camera Auto-tracking Controller



Key features

- 2 × HDMI + 4 × HD/3G-SDI inputs, 2 × HDMI outputs
- 6×1+1 seamless scaler switcher, up to 1080P@60Hz
- Seamless switching with no jitter or blank screen
- Adjustable image freezing (1–6 seconds)
- RS232 & Ethernet integration with central controller or conference systems
- Web control & front panel operation

Product Overview

The Macsys ACS-CAT-CON is a professional Camera Auto-tracking Controller featuring seamless video switching, HDMI/SDI inputs, dual HDMI outputs, and advanced control via RS232, Ethernet, or web interface. It is ideal for conference rooms, auditoriums, and integrated AV systems requiring reliable camera auto-tracking and smooth video transitions.

Techinical Specification

Featues	Detail
Interfaces	
HDMI Input	2 HDMI-A
SDI Input	4 BNC female
HDMI Output	2 HDMI-A
RS232	1 × Female DP9, 1 × Male DP9
Ethernet	1 RJ45
Video Input	
Signal Format / Quantity	2 × HDMI, 4 × SDI
Connector	HDMI-A, BNC female
Pixel Bandwidth	165 MHz,
Protocol / Format	HDMI 1.3a, HDCP 1.3, DVI 1.0 270 Mbps SDI, 1.485 Gbps HD-SDI, 2.97 Gbps 3G-SDI
Supported Resolutions	1280×720@50Hz, 1280×720@60Hz, 1920×1080@25Hz, 30Hz, 50Hz, 60Hz
Transmission Distance	≤ 35m, 3G-SDI ≤ 100m (certified SDI cable)
Video Output	
Parameter	HDMI
Signal Format / Quantity	2 × HDMI
Connector	HDMI-A
Pixel Bandwidth	165 MHz
Supported Resolutions	1280×720@50Hz, 60Hz; 1920×1080@25Hz, 30Hz, 50Hz, 60Hz; 1920×1080i@50Hz, 60Hz
Transmission Distance	≤ 7m (certified HDMI cable)
Control Method	
RS232 control, Ethernet control, Front panel control	
Mechanical Parameter	
Dimensions (mm)	483 × 260 × 43.6
Weight	3 kg
Color	Black
Certifications	CE, RoHS compliance

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