

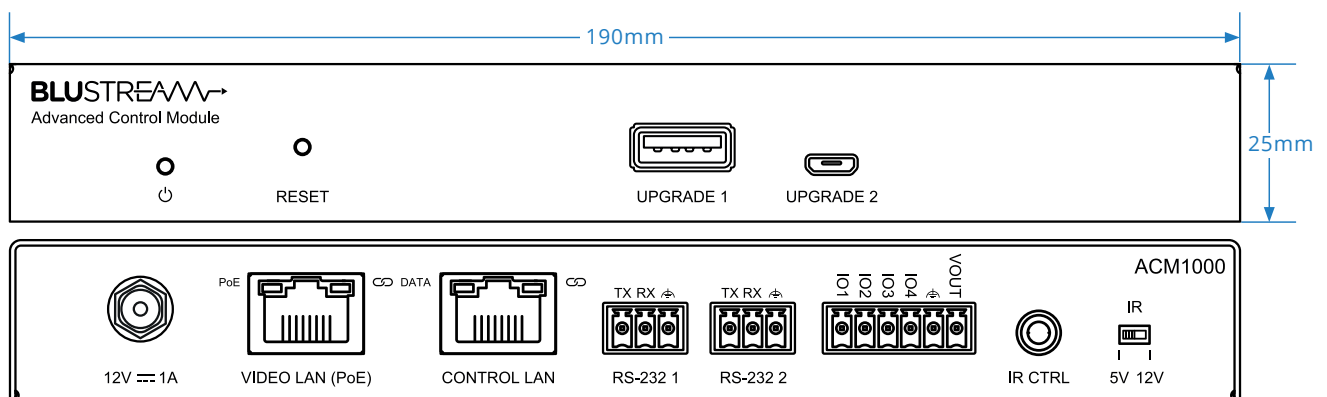
Advanced Control Module

Description

Blustream's AV over IP platforms enable seamless distribution of video and audio across a managed network infrastructure. At the core of these systems is the ACM1000 Advanced Control Processor, which provides powerful access to configuration, management, and integration with third-party control systems via IP, serial, and IR - all accessible through the built-in intuitive web user interface.

The ACM1000 features a user-friendly web interface for complete setup and control of your AV over IP system. It offers advanced functionality such as 'Drag and Drop' source selection with receiver (display) grouping, video wall array management with live video previews, and customisable I/O presets. Users can independently route video, audio, serial, IR, USB/KVM, and CEC signals across the network.

Powered by a quad-core processor, the ACM1000 supports a GUI-based remote interface for source and display control. It handles multiple control commands simultaneously, supports multi-threaded routing (IP to IR, serial, or CEC), and enables the creation of custom macros and presets. These can be scheduled and executed automatically with its built-in 24/7 scheduling capabilities.



Key Features

- Web interface module for configuration and control of Blustream AV over IP systems
- Intuitive 'Drag & Drop' source selection with video preview feature for active monitoring of system status
- Advanced signal management for independent routing of video, audio, IR, RS-232, USB/KVM, and CEC (AVoIP platform dependent)
- Auto system configuration using in-built 'Setup Wizard'
- Dual RJ45 LAN connections to bridge business / home network to AV over IP video distribution network, resulting in:
 - Better system performance as network traffic is separated (different networks, or VLAN's)
 - No advanced network setup required
 - Independent IP address per LAN connection
 - Allows for simplified TCP / IP control of AV over IP system
- Dual RS-232 ports for control of the AV over IP system, and pass-through of control commands to remote third party devices
- 5V/12V IR integration for control of AV over IP system
- Configurable GPIO ports for integration with 3rd party products
- Direct control command processing allowing IP to IR, serial or CEC to any end point in the system
- GUI based source and display remote for direct control using IR, serial and CEC
- 24/7 scheduling functionality
- Macro functionality for recall of multiple commands from a schedule, GPIO, or API command
- Grouping of receivers for instant recall of input switching to multiple displays
- Preset functionality for recalling set I/O's from a single GUI button press or API command
- PoE (Power over Ethernet) to power Blustream product from PoE switch
- Local 12V power supply (optional) should AV over IP network not support PoE
- 3rd Party drivers available for major control brands

Blustream cannot be held responsible for errors in typography or photography. Specifications are subject to change without notice.



Specifications

- Dimensions (W x D x H): 190mm x 93mm x 25mm
- Product Weight: 0.5kg
- Shipping Weight: 0.9kg
- Operating Temperature: 32°F to 104°F (0°C to 40°C)
- Storage Temperature: -4°F to 140°F (-20°C to 60°C)
- Power Draw: 4W (max)

Connectivity

- Ethernet port: 2x 1Gb LAN RJ45 connector (1x PoE support)
- RS-232 serial port: 2x 3-Pin Phoenix connector
- I/O port: 1x 6-Pin Phoenix connector
- IR Input ports: 1x 3.5mm stereo jack
- Product upgrade: 1x Micro USB, 1x USB Type-A, female
- Power Supply: PoE or 12V/1A DC

Package Contents

- 1 x ACM1000
- 4 x Rubber Feet
- 1 x Mounting Kit
- 1 x Quick Reference Card

Regulatory Compliance



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