The ATSC-mini is an HDTV Tuner designed for use with HD and UHD video displays and projectors in a distributed CATV system. Housed in a new, smaller low-profile enclosure, the unit with built in mounting wings can be attached flush to walls or displays.

As a full function HDTV tuner, the ATSC-mini can receive ATSC and NTSC off-air channels and clear QAM and NTSC cable channels. Decoding of MPEG-2 and H.264 encoded digital channels is supported. The unit features an HDMI output along with SPDIF optical and variable-level analog stereo audio outputs.

The integrator-friendly HDTV tuner is controllable with 2-way RS-232, IP Telnet, and UDP, as well as wireless and wired IR commands. An onboard Web page enables remote configuration, control, and monitoring.

- Tunes analog and digital channels in ATSC, clear QAM, and NTSC formats
- Decodes MPEG-2 and H.264 digital channels up to 1080p 60Hz
- HDMI selectable video output resolutions: 480i, 480p, 720p, 1080i, 1080p, and 4K or Auto
- Consumer Electronics Control (CEC) available on HDMI port for display power control
- Dolby Audio, PCM, or Variable PCM audio formats for S/PDIF and HDMI outputs
- Simultaneous HDMI, S/PDIF, and Analog Stereo Audio output
- On-screen menus for tuner setup and configuration
- Web pages for remote setup, configuration, and control
- Decodes analog and digital closed captioning
- Full ASCII 2-way RS-232/Telnet, and UDP control commands
- Powered via external 12 VDC 1 A power supply or PoE
- Meets RoHS and California energy-saving standards
- TAA Compliant

MADE IN USA

Specifications

Physical   **Dimensions:** 8" [203 mm] wide, 8.6" [218 mm] with mounting wings x 1.150" [29 mm] height x 3.6" [91 mm] deep .877 lbs [398 g]
Enclosure: Aluminum with black powder coat paint
Mounting: Hook-and-loop fasteners or screw attachment

Tuning   **Frequency Range:** 51.0027 to 864 MHz
TV System: ATSC 1.0, clear QAM, NTSC
Channels: Air 2-69 (8-VSB and NTSC) and CATV 2-135 (64QAM, 256QAM, 8-VSB, and NTSC), Standard, IRC, and HRC
V-Chip: Supports parental channel block based on US and Canadian ratings

Decoding   **Video:** MPEG-2 (1080i/720p/480p/480i), H.264 (1080p/1080i/720p/480p/480i)
Audio: AC-3, MPEG-1 Layer 2, AAC

Captioning   **On-Screen:** Displays on-screen analog and digital captioning on HDMI port

Front Panel   **Control:** Power, Menu, and Select buttons, Up and Down buttons for channel, volume, and navigation
LEDs: Power and Data
USB: For future use

Rear Panel   **USB:** Service port for firmware updates
Air/Cable: 1 'F', female, 75 ohm impedance, Tuner RF input, -10 to +25 dBmV typical
Audio: 3.5 mm TRS jack, analog stereo, variable level
HDMI: HDMI receptacle, Type A, video and digital audio, version 1.4a (2160p/1080p/1080i/720p/480p/480i)
SPDIF: Optical digital audio output
RS-232: DB-9 male, RS-232 data link to control system, 1200 to 230K baud
Ethernet: RJ-45 10/100 for Web page access, Telnet and UDP control, firmware updates, PoE
I/O: For future use
IR In: 3.5 mm TRS input for external IR sensor or wired IR (no carrier, discrete codes available)
Power In: 2.1 mm coaxial jack (inside center conductor positive)

Power   11.5 to 15 VDC, 12 VDC typical, 0.6 A max or PoE
24.5 BTU

Includes
PS12-1 Switching power supply, Input: 100 to 240 VAC Autosensing, Output: 12 VDC, 1 A maximum (5401-001)

Options
HD3-RC Handheld IR Remote, 2 AAA batteries (5024-005)
IR-RXD External IR Receiver (5034-001)
CC-COM RS-232 Null Modem Cable (5061-003)