



Applications

Boardrooms
Training Centers
Broadcast Testing
Command and Control Centers
Home Theaters



Sales Support

Need help finding tuning solution for your application? Our Sales Support staff will be happy to work with you, providing expert integration assistance and a complete systems proposal.

Tech Support

Need tech help? Give us a call. Our tech support staff are experts in the integration industry, so we can research solutions in the proposal stage, advise on programming requirements, and resolve installation issues.

Our job is to make our solutions work seamlessly with your system, performing as promised.

Related Products

AV Tuners

The IP-HDVR HDTV Tuner-DVR is an integrator-friendly HD tuner and Digital Video Recorder (DVR), controllable from Ethernet, RS-232, IR, and onboard Web pages. A universal tuner, the IP-HDVR can receive both ATSC and NTSC broadcasts from twin off-air antenna and cable RF inputs, decode clear-cable digital QAM channels, as well as control an external analog cable box for subscription-based programming. When integrating the IP-HDVR via Ethernet, a control system can also communicate with a video display or projector through the HD tuner's RS-232 control port.

Featuring a 120 GB hard drive, the IP-HDVR is also a powerful HD DVR, able to schedule recording from its free TV Guide On Screen™ program guide or VCR Plus+ codes. The unit can also record upscaled analog video from two AV inputs. In addition, users can pause and review live programs.

The tuner displays HD, SD, and analog broadcasts through Component, RGB, DVI, or composite video/S-Video outputs. Audio options include optical Dolby 5.1 surround sound and variable- and fixed-level analog stereo audio ports.

Features

- RS-232 control and feedback with simple ASCII commands
- Receives ATSC HD, SD and NTSC off-air, as well as analog, HD, and unscrambled QAM cable channels simultaneously from TV and Cable RF inputs
- Records tuner and external AV to internal 120 GB hard drive
- Pauses live video programming for delayed playback and review
- Features subscription-free TV Guide On-Screen™ EPG for TV/Cable channel access and recording
- Accepts VCR Plus+ commands for digital recording
- Outputs HD,SD, and upscaled analog video to Component, DVI, RGB, or dual Video/S-Video ports
- Switches and upscales cable box and other external AV sources from two analog inputs
- Controls IR-format cable box for subscription-based programming
- Links RS-232 control system communication to external video display when tuner is integrated via Ethernet
- Integrates easily over Ethernet, RS-232, discrete IR and wired IR ports, and included HDV-RC IR remote
- Offers Dolby 5.1 surround sound from optical digital output and two analog variable and fixed-level stereo outputs
- Sets up using front-panel, on-screen menus, or control commands
- Operates with included HDV-RC IR wireless remote
- Displays closed-captioning text and on-screen channel names
- Mounts in 19" rack with optional RKHDVR rack kit

IP-HDVR HD Tuner - DVR

Specifications



Feature	
Type	Universal HDTV, NTSC, QAM Tuner and Digital Video Recorder
Physical	17.0" [430 mm] Wide x 3.0" [76.7 mm] High (2RU) x 12.8" [326 mm] Deep 10.8 lbs [4.9 kg] Shelf or rack-mount with optional RKHDV Rack Kit Internal 120 GB, approx. 12 hours HD, 24-119 hours SD quality video
Tuning	Type: NTSC, ATSC and Clear QAM Standard: NTSC, ATSC DTV (1080i/720p/480p/480i) Channels: Off-air 2-69 and CATV 1-135 Aspect Ratio: Adjustable, variety of modes for widescreen 16:9 and normal 4:3 broadcasts Captioning: DTV, set by program or customized for size, font and display attributes Analog CC1-CC4, TT1-TT4, On/Off with Mute/Off modes Lock: Parental option for channels and/or rating
Front Panel	Display: Blue LCD, 2 lines of 20 characters each IR: IR sensor Control: Buttons for Display, Menu, Select, Exit, and Left, Right, Up, and Down Arrow keys operate Volume, Channel
RF Inputs	TV In (Off-Air), 'F', female, 75 ohm impedance Cable In, 'F', female, 75 ohm impedance
AV Inputs	AV 1: 3 RCA female jacks, Video, Left, Right - AV source or cable tuner AV 2: 3 RCA female jacks, Video, Left, Right - AV source
AV Outputs	S-Video Out: Mini DIN 4-pin, Y - 1V p-p at 75 ohms, C - 0.286 V p-p at 75 ohms On-screen menu displayed when digital set to 480i AV 1 Out: 3 RCA female jacks, Video, Variable Left, Right audio AV 2 Out: 3 RCA female jacks, Video, Fixed Left, Right audio
HD Outputs	Component: 3 RCA Pr, Pb, Y outputs (1080i/720p/480p/480i) RGB Out: RGB DB-15 female (1080i/720p/480p) DVI Out: DVI-D with HDCP (1080i/720p/480p), HDMI video with optional adapter Digital Audio: Toslink optical output, Dolby Digital AC3
Special	G-Link Out: 1/8" stereo jack for cable box control integration (G-Link cable included) Service Port: DB-9 female RS-232 for factory service and firmware updates IEEE-1394: 2 4-pin data ports, i-Link/1394 - listed 1394 sources only - see manual
Ethernet	10/100baseT RJ-45 jack Right yellow LED indicates 100 baseT speed/10 baseT when off Left green LED indicates link, blinks with data activity
RS-232 Control	DB-9 male, RS-232 data link to control system, PC, or RS-232 controlled display 300 to 115,200 baud (9600 default), 8 data bits, no parity, 1 stop bit
IR Control	3.5 mm stereo input for external IR sensor or wired IR, discrete codes available
Power	AC power cord, 120 VAC, 60 Hz, 35W/400 mA maximum, 11.5 to 16.5 VDC, 12 VDC typical
Includes	RCA composite video cable, Stereo RCA cable, Component YPbPr cable, DVI cable G-Link IR Emitter HDV-RC IR Tuner Remote, 2 batteries (AA)
Options	RKHDVR Kit for mounting single unit in 19" rack (2RU)

Warranty

All CR products feature a full two-year warranty.