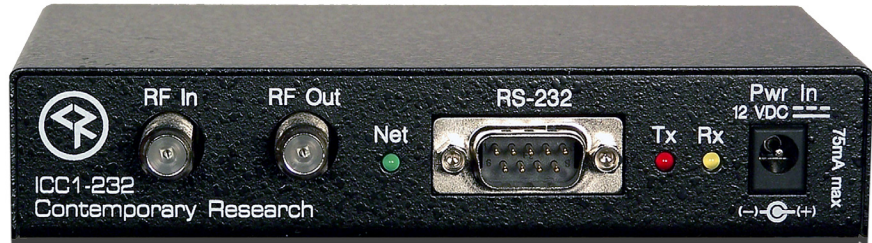


iC-Net Display Controllers

Applications

Schools
Retail Stores
Sports Venues
Civic Facilities
Corporate Buildings
Houses of Worship
Entertainment Spaces
Corporate Communication



Sales Support

Planning an iC-Net or SignStream 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

SignStream HDTV Digital Signage
iC-Commander HD Display System
ABC-Net Media Access System
iC-Net Smart Display Controllers
iC-Net Tuner Controllers
iC-Net Head Ends

IC-Net Display Controllers integrate IR and RS-232 controlled displays through existing RF CATV coax wiring. The ICC1-IR controls IR-format displays, while the ICC1-232 operates RS-232 controlled displays.

Both controllers feature an onboard, updatable control database for most makes and models of displays. Code formats can be changed through the display network from SignStream™ and iC-Web™ software, as well as custom control systems. A switch array on the base of the controller can also define codes and set the unit's iC-Net system address.

Intelligent power control is provided by discrete RS-232 or IR on/off commands, as well as scan or power current sensing in the ICC1-IR. Control options include power, HDTV/NTSC channel tuning, volume, mute, and display inputs, as well as local/IR control lockout for the ICC1-232.

High-speed 1-way control is possible through the same RF cable that carries the TV channels, creating networked operation of distributed media systems without adding control wiring. Compatible with the Contemporary Research SignStream™ and iC Commander HD software, the ICC1-232 can be networked with up to 4000 display controllers. For custom systems applications, the ICC1-232, ICC1-IR, and other CR display controllers can be accessed from a single RS-232 or Telnet port on an ICE-HE Ethernet

Models

ICC1-232 RS-232 Display Controller

- Integrates display over existing CATV system
- Sends RS-232 commands for discrete power, on and off, analog and HD tuning, volume, and local control lockout (if available)
- Features onboard database for display control commands
- Includes 12 VDC power supply, RF loop cable, and mounting kit

ICC1-IR IR Display Controller

- Integrates display over existing CATV system
- Sends IR commands for discrete power, on and off, analog and HD tuning, and volume
- Features onboard database for display control commands
- Senses input from scan sensor or power current sensor
- Includes 12 VDC power supply, CC-IRE IR emitter, CC-HSD scan sensor, RF loop cable, and mounting kit

iC-Net Display Controllers



ICC1-232

Specifications

Feature	ICC1-232
Type	RS-232 Display Controller
Control Options	RS-232 commands Power, Channels, Inputs Control Lockout (if available)
Control Database	Onboard commands for most display makes and models, network selectable
Physical	5.5" W x 1.1" H x 3.4" D, 8 oz
Tuning	NTSC and HDTV channels
RF Tap	Internal tap - Less than -1.5 dbmV loss
Front Panel	RF In: 'F', female, 75 ohm RF Out: 'F', female, 75 ohm Net: Green LED for iC-Net bus and DC power, flashes once per second if active RS-232: DB-9 male connector, baud rates from 1200 to 115.2K baud Tx: Red LED lights when RS-232 information is sent Rx: Yellow LED lights when RS-232 information is received Power In: 2.1mm coaxial jack (inside center conductor positive), 75 mA maximum 11.5 to 16.5 VDC, 12 VDC typical (may be unregulated) DIP Switches: Located on base, sets IR code operation and device number
Includes	RS-232 cable optional Mounting Kit RF Loop Cable 12 VDC Power Supply, 100 Ma
Options	CC-232 RS-232 Control Cable (Specific make, model, and length)



ICC1-IR

Feature	ICC1-IR
Type	IR Display Controller
Control Options	Discrete IR control Power, Channels, Inputs
Control Database	Onboard commands for most display makes and models, network selectable
Physical	5.5" W x 1.1" H x 3.4" D, 8 oz
Tuning	NTSC and HDTV channels
RF Tap	Internal tap - Less than -1.5 dbmV loss
Front Panel	RF In: 'F', female, 75 ohm RF Out: 'F', female, 75 ohm Net: Green LED for iC-Net bus and DC power, flashes once per second if active IR Out: 3.5mm jack for CC-IRE IR Emitter cable or compatible CC-IRS serial cable Supports carrier frequencies up to 62 KHz IR Out: Red LED lights when sending IR commands Power Sensor: 3.5mm jack for included CC-HSD scan sensor or 5V logic-level input Power Sensor: Red LED lights when sensor indicates power on Power In: 2.1mm coaxial jack (inside center conductor positive), 75 mA maximum 11.5 to 16.5 VDC, 12 VDC typical (may be unregulated) DIP Switches: Located on base, sets RS-232 code operation and device number
Includes	IR Emitter Mounting hardware RF Loop Cable CC-IRE IR Emitter CC-HSD Scan Sensor 12 VDC Power Supply, 100 Ma
Options	CC-IRS IR Serial Cable

Warranty

All CR products feature a full two-year warranty.