

## iC-Net Smart Display Controllers

### Applications

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



**Smart Display Controllers simply and easily integrate commercial Smart TVs and displays from Philips, RCA, and Zenith - taking direct control of the displays's onboard tuner, character generator, and advanced control features.**

### 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 Display Controllers  
iC-Net Tuner Controllers  
iC-Net Head Ends*

Contemporary Research Smart Display Controllers share several features in common:

- Networks displays through existing CATV coax wiring
- Integrates through the set's Smart data port or card slot
- Saves control costs by taking advantage of the set's internal tuner, character generator, and IR receiver
- Delivers absolute operation of power on/off and volume levels
- Offers selective lockout of front-panel control and IR control sensor
- Features low-loss internal RF tap that reduces installation costs
- Restores operation after power loss from non-volatile memory
- Optional IC-RC remote for setup and interactive control
- Optional buzzer for alert applications
- Available in 1-way and 2-way control versions

### Models

#### ICC-PRZ Smart Display Controller

- Integrates Philips, RCA, and Zenith Smart displays and TVs
- Mounts to back of display
- Connects to Smart display data port

#### ICC-PSC Philips SmartCard

- Integrates Philips Smart displays and TVs
- Installs into Philips SmartCard slot
- Bezels for old and new style Philips TVs
- No external power supplies or cables to install

#### ICC-ZS2 Zenith SuperPort Card

- Integrates Zenith Smart displays and TVs
- Installs into Zenith SuperPort card slot
- No external power supplies or cables to install

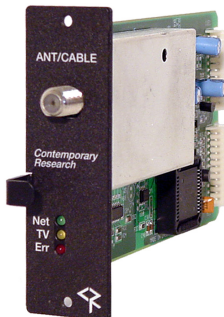
# Smart Display Controllers



ICC-PRZ



ICC-PSC



ICC-ZS2



IC-RC Remote (optional)

## Specifications

Feature	ICC-PRZ	ICC-PSC	ICC-ZS2
<b>Type</b>	Smart Display Controller	Philips SmartCard	Zenith SupertPort Card
<b>Models</b>	ICC1-P Philips, 1-way* ICC2-P Philips, 2-way* ICC1-R RCA, 1-way ICC2-R RCA, 2-way ICC1-Z Zenith, 1-way ICC2-Z Zenith, 2-way	ICC1-PSC2, Low profile ICC2-PSC2, Low profile ICC1-PSC, Older models ICC2-PSC, Older models ICC2-PSC/AV, AV Inputs	ICC1-Z, 1-way ICC2-Z, 2-way
<b>Physical</b>	5.47" W x 6.35" H x 1.13" D	PSC: 4.3" W x 3.4" D PSC2: 4.93" W x 2.41" D Card: 5.585" D	1.12" W x 3.73" H x 5.95" D
<b>Front Panel</b>	12 oz Enclosure mounts on display iC-Net LED (Green) COM LED (Yellow) Error LED (Red)	6 oz Mounts in card slot iC-Net LED (Green) COM LED (Yellow)	6 oz Mounts in card slot iC-Net LED (Green) COM LED (Yellow)
<b>RF</b>	RF In: 'F', female, 75 ohm impedance, connects to CATV system RF Out: 'F', female, 75 ohm impedance, connects to display, less than -1.5 dbmV loss		
<b>ICC-Net</b>	Carried over the same RF coax connection as TV channels Receive: (ICC2, ICC1) Mid-band VHF, 74.7MHz, sent from iC-Net Head End Transmit: (ICC2 only) Sub-band, 5.6MHz sent to Head-End Network Controller ±80 KHz max carrier deviation, +49dBmV nominal		
<b>Display Control</b>	RJ-11 female 6-pin Telco	In card slot	In card slot
<b>Closure Control</b>	2 Solid-State output switch closures, max 50 mA, 24 VDC, switch to GND		
<b>IC-RC Remote</b>	Optional remote for 2-way controllers, supports RCA, Philips, and Zenith control One remote required for system-wide setup and testing of 1-way and 2-way systems		
<b>Power</b>	2.1mm coaxial jack, 100 mA max 9 to 16.5 VDC, 12 VDC typical. RCA displays provide power	Provided by display	Provided by display
<b>Includes</b>	Smart TV data link cable RF Loop Cable 12 VDC PS, 100 mA	PSC Card Cover plate 2 RCA RF cables F to RCA adapter (PSC2)	---
<b>Options</b>	IC-RC Wireless IR Remote Alert Buzzer (Factory option)		

### Warranty

All CR products feature a full two-year warranty.

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