

WHEN YOU NEED TO OWN THE ROOM

COMPLETE MULTISYSTEM & ROOM CONTROL

Achieve the highest level of automated room control with ControlBridge™. Use this comprehensive system to connect and control everything in conference rooms, classrooms, and control rooms: AV systems including projectors, sound, screens, and more; KVM systems; and room controls, such as lights and window shades. Instead of fumbling around trying to get the room ready, just push a button or use a touch pad. With ControlBridge™, you can focus on the objective—not the technology.

INTEGRATED AV & ROOM CONTROL

Lower the screen; dim the lights; turn on the sound; and share your presentation—all with the press of a button.

LOCAL/REMOTE AUTOMATION & CONTROL

Access and control AV, room automation, and other equipment via Ethernet, serial, IR, digital I/O, and relay connections.

SCALABLE

Choose control processors for small to large applications. You can integrate them with technologies already in use.

UNLIMITED INPUT DEVICES

Control applications with any number of touch screens, push buttons, and mobile devices.

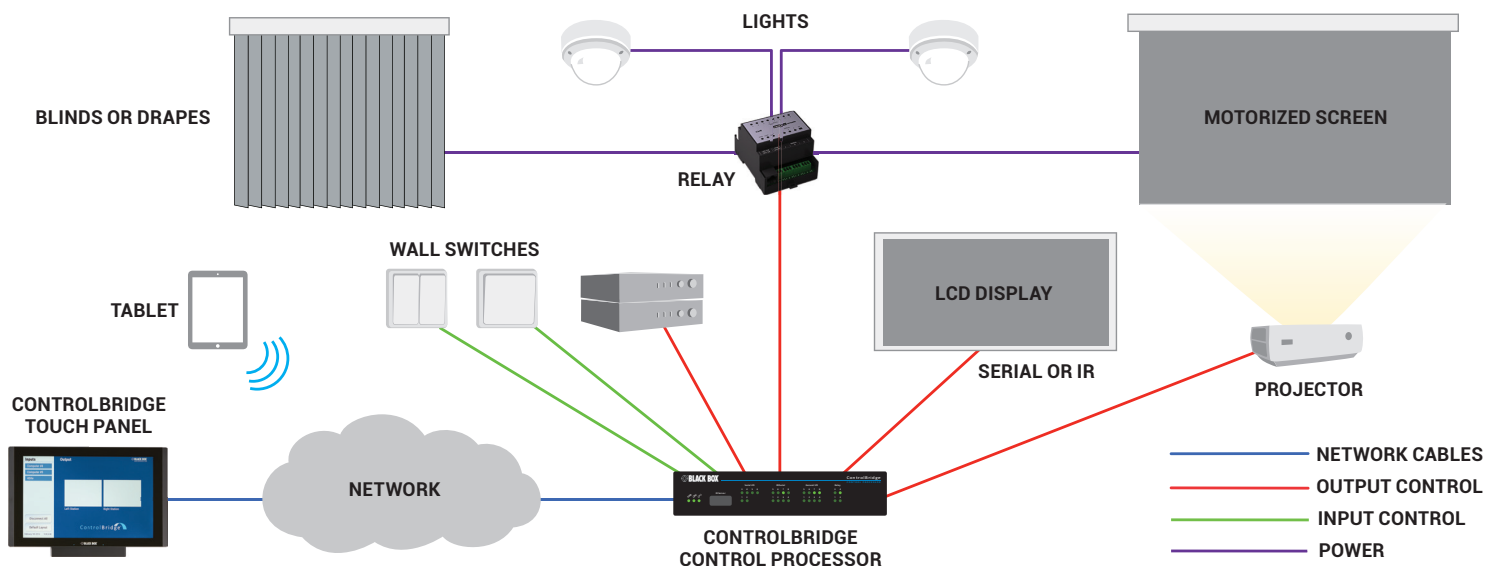
REMOTE DEVICE ACCESS

Connect to and control remote devices with IP extenders.



FL00226-CONTROLBRIDGE-V1

CONFERENCE-ROOM CONFIGURATION



WHEN YOU NEED AN EASIER WAY TO GET YOUR MESSAGE ACROSS

HDMI-OVER-IP DISTRIBUTION AND SWITCHING

Send up to 4K UHD across your LAN with MediaCentro™ IPX. Use it to transmit to a virtually unlimited number of screens. It features lossless compression and ultra-low latency for broadcast-quality video.

The standalone MediaCentro IPX Controller gives you full flexibility including dual network support. Or, build your network with our unique LPB2900 Series Switches with built-in basic control functionality.



FL00226-MEDIACENTO-V1

AV-OVER-IP DISTRIBUTION

Display video and audio across your LAN with MediaCentro IPX.

BUILT-IN VIDEO WALL SUPPORT

Create an eye-popping 8 x 8 (64 screen) displays. No video wall processor required.

SCALABLE

Add transmitters and receivers as you add sources and displays.

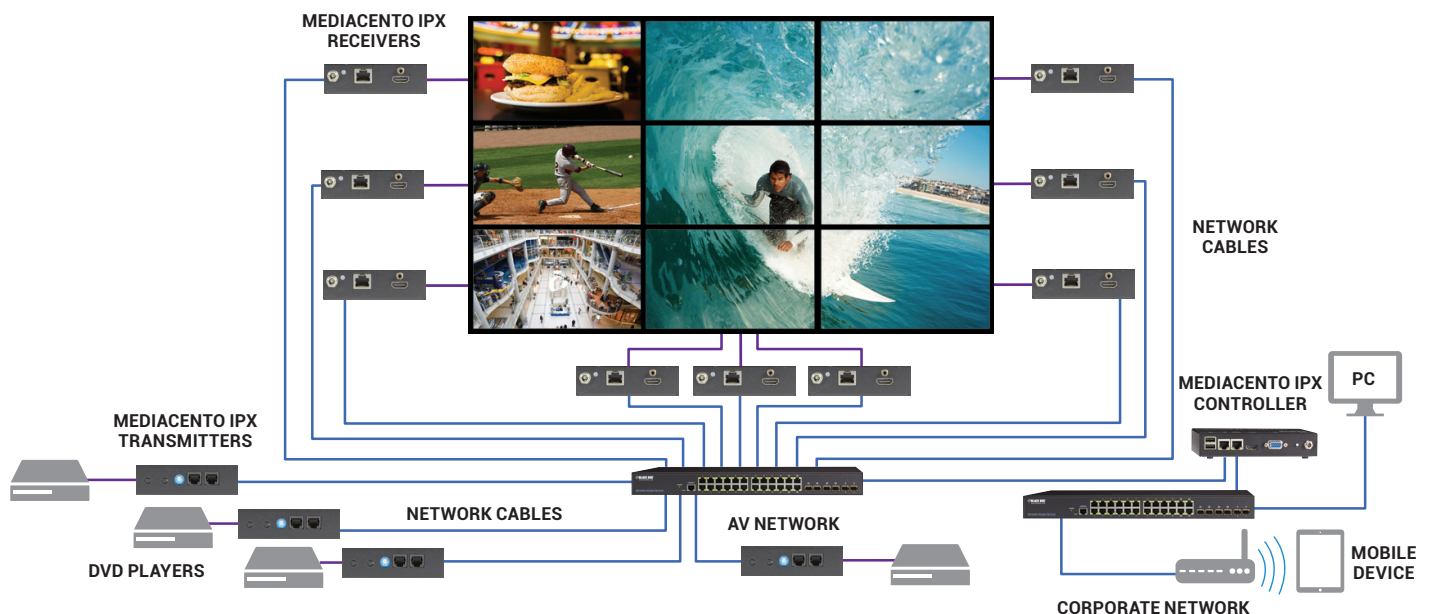
4K UHD Support

MediaCentro IPX 4K brings improved performance and compatibility with UHD displays.

POWER OVER ETHERNET

There's no need for external power supplies. MediaCentro IPX is PoE powered.

3 X 3 VIDEO WALL CONFIGURATION



WHEN YOU NEED TO SHARE YOUR VISION WITHOUT BLINKING

PRESENTATION SWITCHERS AND EXTENDERS

Easily connect, extend, and switch any wired video device to any conference room display. These all-in-one switchers/scalers support resolutions up to 4K (UHD), upscale/downscale video to match the display resolution, and support all standard video formats. Built-in HDBaseT extension enables you to switch and present from remote sources or to a remote display. The 8x2 model supports USB for KVM applications as well as IP for remote control



ANY FORMAT

No worries about the format of your video. These switchers support all standard formats, including DisplayPort, HDMI, DVI, and VGA.

ANY SCREEN, INCLUDING 4K

The switchers support 4K (UHD) resolutions for stunning video. Don't have a 4K screen? The switchers scale signals down to match the display resolution.

SEAMLESS SWITCHING

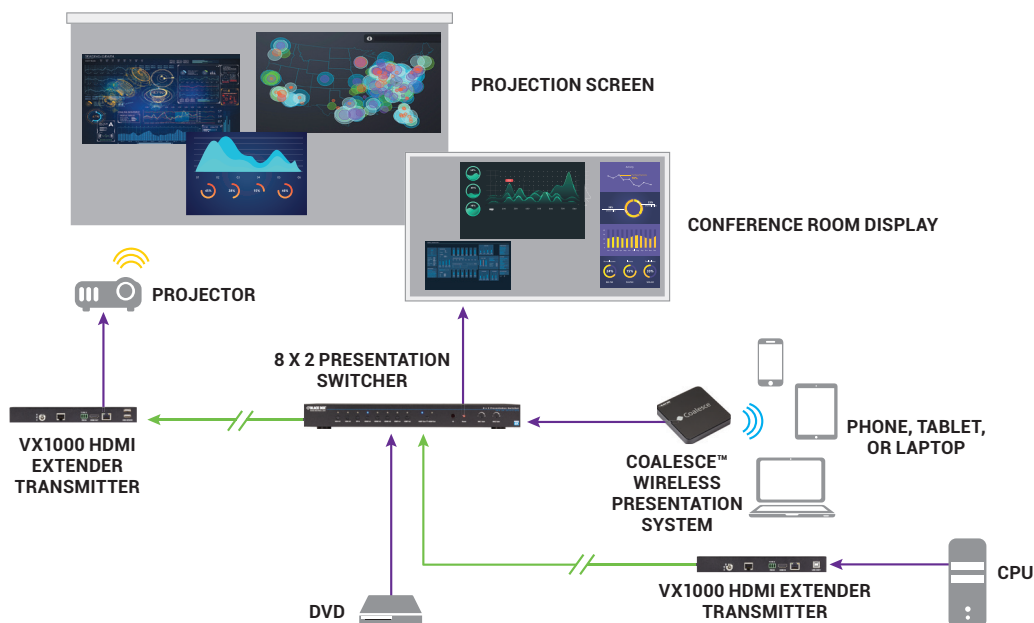
Never lose a frame or have your screen blank out. The switchers keep the same resolution when switching between different sources.

HDBASET EXTENSION

Use with the VX1000 Video Extenders with the Presentation Switchers or in standalone applications to extend signals up to 100 meters and connect to remote sources.

FL00226-PRESENTATION SWITCHERS-V1

CONFERENCE ROOM APPLICATION



WHEN YOU NEED TO VISUALIZE MISSION-CRITICAL INFORMATION

RADIAN VIDEO WALL PROCESSOR

Create massive video walls to improve situational awareness and operator response time in command centers, control rooms, and mission-critical operations centers with the Radian Video Wall Processor. It's designed for fast switching and 24/7 operations. You'll be able to display uncompressed video with almost no latency. Use this chassis-based system to compose walls with 64 screens of any size that you can drag and drop anywhere.



FL00226-RADIAN-V1

ANY VIDEO, ANYWHERE

Freely position content from any source, anywhere on the video wall. Easily drag, drop, resize, and scale content on the displays in real time.

SCALABLE

Multiple chassis configurations enable you to create combinations of up to 64 video outputs and 100s of video inputs. Scale up by adding cards, not PCs.

ANY VIDEO FORMAT

The system supports a wide range of input cards: DisplayPort, DVI, HDMI, IP, SDI, VGA, H.264, and more.

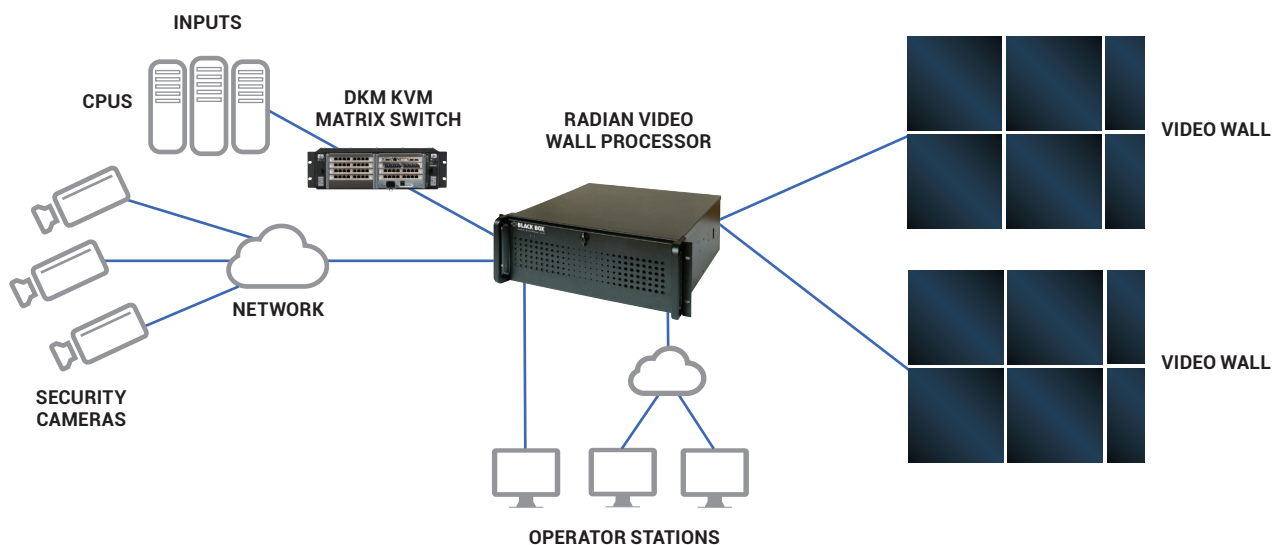
4K UHD SUPPORT

Radian supports 4K and is compatible with ultra high definition displays.

INTEGRATED SOLUTION

Radian is the perfect hybrid of hardware and software. It's part of a complete solution that includes products, application engineering, and 24/7 support.

VIDEO WALL CONFIGURATION



Scalable, robust digital signage solution.

Deliver more compelling digital signage with iCOMPEL™.



Digital signage solutions.

A variety of industries turn to Black Box to get their key messages in front of audiences – from corporate settings to healthcare, education, retail, industrial, and more

Corporate Communications

- In a lobby or reception area, strengthen communications for businesses large and small.
- Stream images and scrolling or static text in displays.
- Compatible with many types of media – there's no need to create and reformat existing media for uploading to the system with iCOMPEL.



Education

- Use in K–12 or higher-ed environments.
- Simple-to-integrate platform for informing, alerting, and notifying students and staff in your buildings or on your campus.
- Without adding any technical or creative staff, build eye-catching signage and stream content from your school website, a campus TV studio, a central administration office, and your AV and IT departments.



Healthcare

- Hospitals, clinics, and doctors' offices use iCOMPEL to communicate more effectively with patients, visitors, and staff.
- Quickly set up a messaging system in lobbies, waiting rooms, and cafeterias to broadcast announcements, menus, bulletins, and other time-sensitive information.
- Devote an area of the screen to promoting upcoming wellness clinics, professional development seminars, and other events.
- Because it's Web manageable, community relations staff and other administrators have a simple, cost-effective way to upload and distribute media for viewing in facilities across a large medical system.



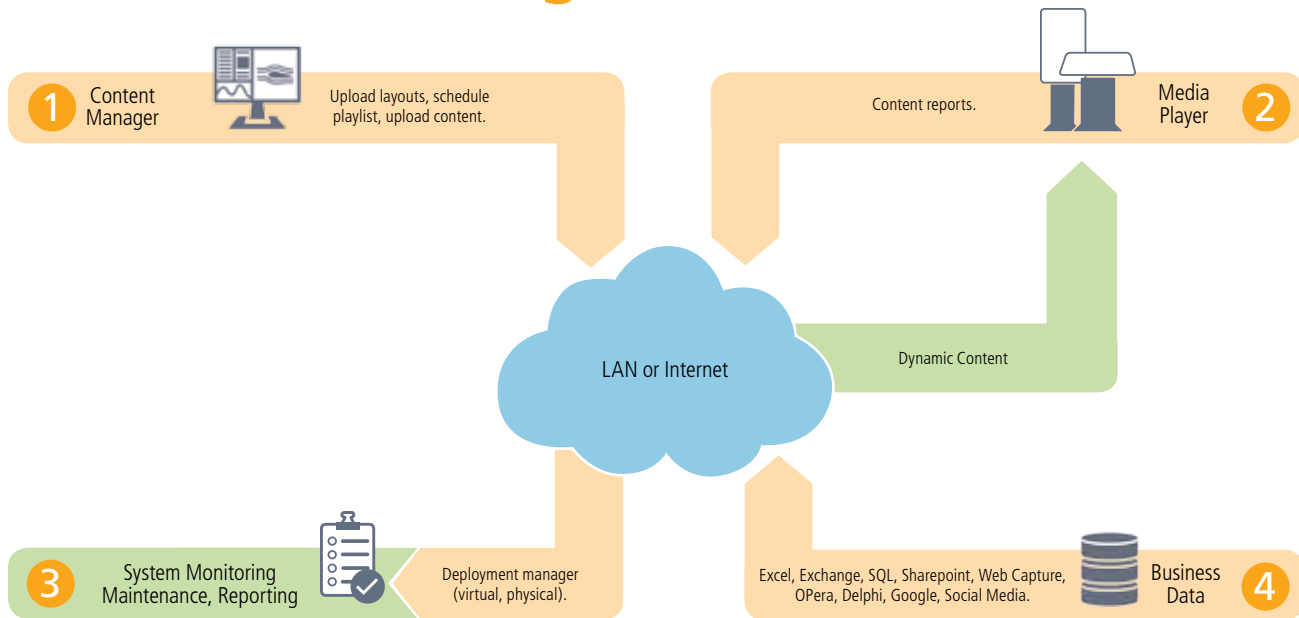
"iCOMPEL is an extremely innovative device. It offers ease of use, reliability, and content flexibility."

Stephen Morris, President, C.V. Lloyd

"The extra bonus is the low amount of bandwidth used [with iCOMPEL] compared to typical video-over-IP technologies."

Chris Rhonda, VP for Information Services and CIO for Thomas College

How it all works together.



1 iCOMPEL Content Commander (iCC)

Easy enough for novice users, yet powerful enough for more technically savvy users to access advanced features. The multilingual Web user interface allows you to create full-screen or multi-zone content channels. Plus, this appliance-based digital signage content management system (CMS) scales from one to thousands of players.

- **Create** – drag-and-drop layout editor makes it easy to generate multimedia layouts. Add RSS feeds, live TV, and social media updates.
- **Schedule** – get your message to the right place at the right time. Set up playlists to target your specific audience.
- **Distribute** – multi-user management or multiple content channels. iCC supports USB, wired, WiFi, 3G, or satellite connection for manual or automatic content distribution.
- **Manage ad hoc content** – the Web-based UI makes it easy to manage ad hoc messages and data, such as menus and venue schedules.

2 iCOMPEL Subscribers

Deliver high-quality content playback with this digital signage player accompanied with powerful, feature-rich software. Place it in a rack, behind your display (VESA mount), or beside your display (small form factor). The turnkey subscribers are loaded with subscriber software and a Linux operating system.

3 iCOMPEL Deployment Manager (iDM)

Keep track of your digital signage with this network management appliance. Remotely monitor and configure multiple iCOMPEL digital signage applications.

- **More player uptime** – iDM supports alarms that cover many aspects of player performance and behavior so you can establish a monitoring regime suited for users' needs.
- **Lower maintenance costs** – the secure, safe, remote connection greatly reduces the need for onsite maintenance.
- **Proof-of-play reporting** – the media playout audit reports summarize what media has played at each iCOMPEL or group of iCOMPELS. Ideal for paid advertisement.
- **Lower installation and configuration costs** – the straightforward mechanism for creating and copying profiles simplifies signage rollout from the start.

4 iCOMPEL Data Engine (iDE)

Turn data into visually appealing graphics that are easier for users to read. This software platform can be used to integrate data from related databases, Microsoft® Excel, and other file formats.

Key iCOMPEL Benefits

Low cost of ownership

Easy to use

Easy to deploy

Scalable from 1 to 1000s of players

Exceptional features and options.

Only Black Box provides such sophisticated, yet easy-to-use digital signage capabilities. Whether you're a beginner or expert, you'll find what you're looking for with iCOMPEL.



Multimedia Multizone Layouts

Display multitudes of information to inform, educate, or notify audiences. Play recorded video, live video (with HD capture option), RSS feeds, data, and more.



Intuitive User Interface (Drag and Drop, Web)

iCOMPEL provides a number of layout templates and makes signage design simple and intuitive with its publishing tools.



Content Scheduling

Schedule content to communicate specific messages at specific times. Publishers can send content, or players can store content and present it as scheduled.



Local Content Updates

Update screen content from any computer with an Internet connection to issue alerts or customize content for specific audiences.



Data Integration

The iCOMPEL Data Engine (iDE) enables users to incorporate data sources into a visual presentation on their digital signage.



Easy Deployment

iCOMPEL is a complete hardware and software solution. Each appliance comes with pre-installed software.



Multiuser Access with Workflow

The iCOMPEL Content Commander (iCC) brings multiuser, multichannel capabilities to networked digital signage.



Live Video Capability HD Capture

Wow your audience by incorporating high-quality video and Flash into networked signage.



Wireless

Wireless connectivity for networked publishers and subscribers as well as for standalone kiosk players. Supports 802.11n as an option.



Interactivity

General-purpose input/output (GPIO), touch interaction, remote controls, motion sensors, and so on.



Remote System Monitoring and Management

Subscribers and the iCOMPEL Deployment Manager (iDM) give users a number of monitoring and management options that work over the network.



Proof-of-Play Reporting

Track advertising and messaging results with built-in proof-of-play reporting.



4K Resolution

iCOMPEL devices with 4K resolution give you crisp, eye-catching signage.



Virtualization

Benefit from 24/7 uptime, highly recoverable storage method and file system, and minimal vulnerability to viruses, malware, and other security threats.

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Product Data Sheet

IN-SESSION Room Scheduler



RS-TOUCH7-W



RS-TOUCH7-M



RS-TOUCH12-W



RS-TOUCH12-M

Overview

- Use to reserve boardrooms, conference rooms, lecture halls, auditoriums, classrooms, and any other meeting place.
- Works with Outlook, Microsoft Office 365, Microsoft Exchange Server, and Google Apps from Work, so you can easily reserve rooms directly from your computer or smartphone. Or, you can use the touch panel.
- Suitable for small offices as well as large corporations. It's scalable, enabling the use of dozens of touch panels that can be interconnected with a main panel to show all room reservations. You can check the status of the room from afar with just a glance at the touch panel LEDs.
- Features multilingual user interface: English, Czech, Danish, French, German, Latvian, Russian, and Spanish. Other languages are available on demand.

Features

- View current status and availability of the room, including meeting details and room calendar.
- Quick and easy installation and setup. No programming needed.
- Configure via the touch panel or web GUI.
- Ethernet ports enable 10/100BASE-T network connectivity.
- PoE powered.
- RS-TOUCH7-W measures 1.5"D (3.9 cm) and RS-TOUCH12-W measures 1.8"D (4.7 cm). Both install in an electrical box and mount almost flush with the wall.
- RS-TOUCH7-M measures 1.1" D (2.6 cm) and RS-TOUCH12-M measures 1.3"D (3.3 cm), so they protrude only about 1" from the wall.

IN-SESSION Room Scheduler Data Sheet

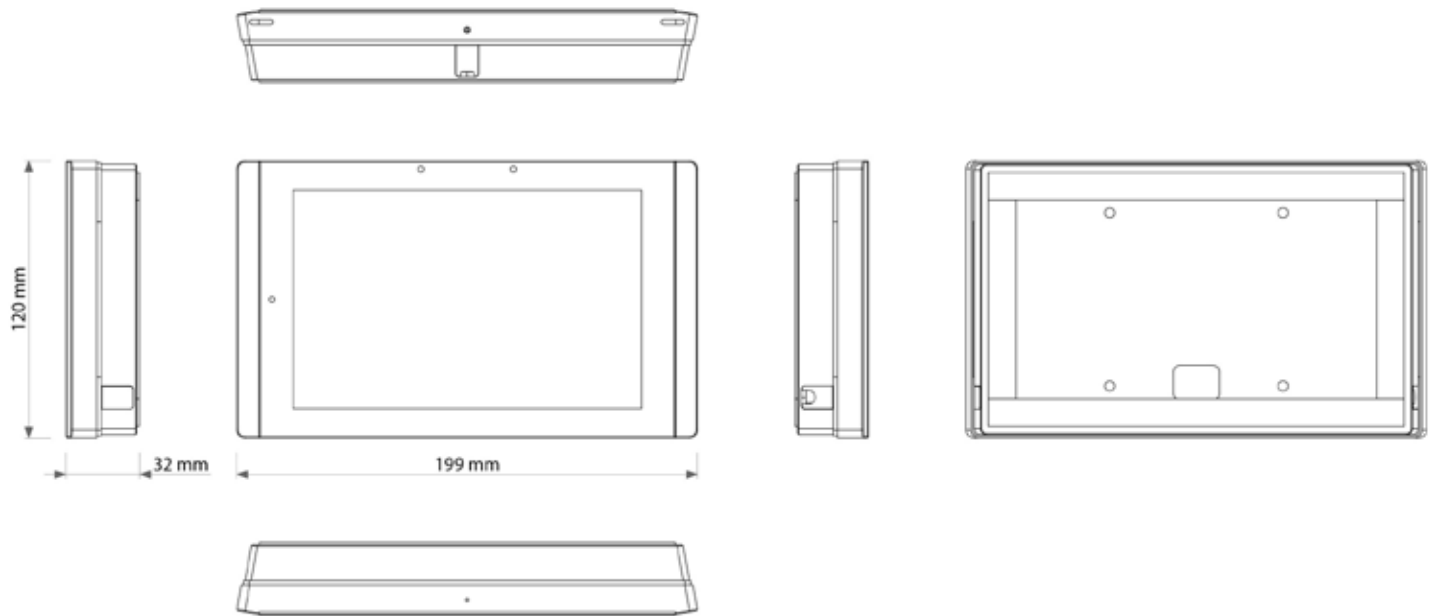
Specifications

Connectors	(1) RJ-45
Display Type	Color a-Si TFT LCD, LED backlit
Display Size	RS-TOUCH7-W, RS-TOUCH7-M: 7" Diagonal; RS-TOUCH12-W, RS-TOUCH12-M: 12" Diagonal
Resolution	1280 x 800 p
Viewing Angle	±80 degrees horizontal and vertical
Touch Technology	Projected capacitive
Sensors	Light, proximity
Indicators	LEDs: green for free, red for occupied
Interface	Wired 10/100BaseT Ethernet
Power	IEEE 802.3af PoE; 100-240 VAC, 50/60 Hz
Enclosure	IP30, aluminum; Edge-to-edge front glass
Installation	Fits standard electrical wall boxes
Mounting Type	RS-TOUCH7-W, RS-TOUCH12-W: In-Wall; RS-TOUCH7-M, RS-TOUCH12-M: On-Wall
Dimensions	RS-TOUCH7-W: 4.7"H x 7.8"W x 1.5"D (12 x 19.9 x 3.9 cm); RS-TOUCH7-M: 4.7"H x 7.8"W x 1.1"D (12 x 19.9 x 2.6 cm); RS-TOUCH12-W: 7.8"H x 12.5"W x 1.8"D (20 x 32 x 4.7 cm); RS-TOUCH12-M: 7.8"H x 12.5"W x 1.3"D (20 x 32 x 3.3 cm)
Weight	RS-TOUCH7-W: 1.3 lb. (0.6 kg); RS-TOUCH12-W: 4.4 lb. (2 kg); RS-TOUCH7-M: 1.6 lb. (0.8 kg); RS-TOUCH12-M: 4.8 lb. (2.2 kg)

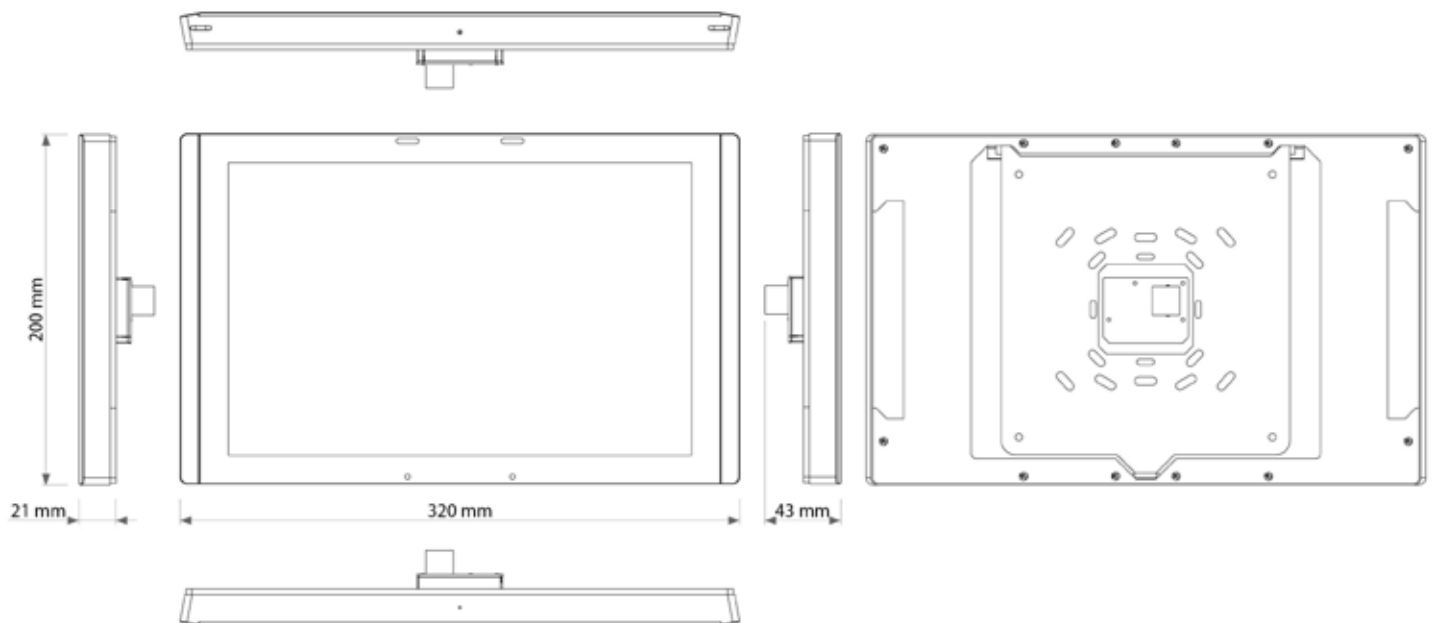
Comparison Chart:

Part Number	Mounting Type	Installation	Display Size	Display Type	Resolution
RS-TOUCH7-W	In-Wall	Fits standard electrical wall box	7" diagonal	Color a-Si TFT LCD, LED backlit	1280 x 800 p
RS-TOUCH7-M	On-Wall	Fits standard electrical wall box	7" diagonal	Color a-Si TFT LCD, LED backlit	1280 x 800 p
RS-TOUCH12-W	In-Wall	Fits standard electrical wall box	12" diagonal	Color a-Si TFT LCD, LED backlit	1280 x 800 p
RS-TOUCH12-M	On-Wall	Fits standard electrical wall box	12" diagonal	Color a-Si TFT LCD, LED backlit	1280 x 800 p

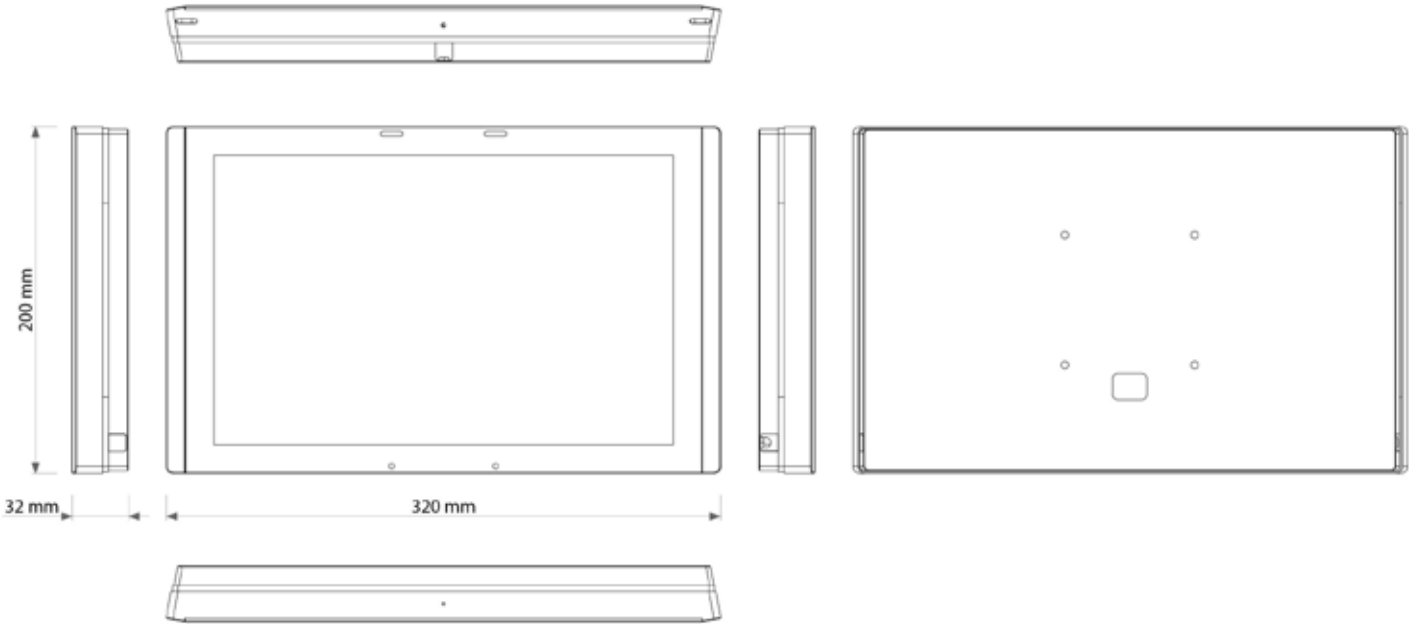
Dimensional diagram of the RS-TOUCH7-W.



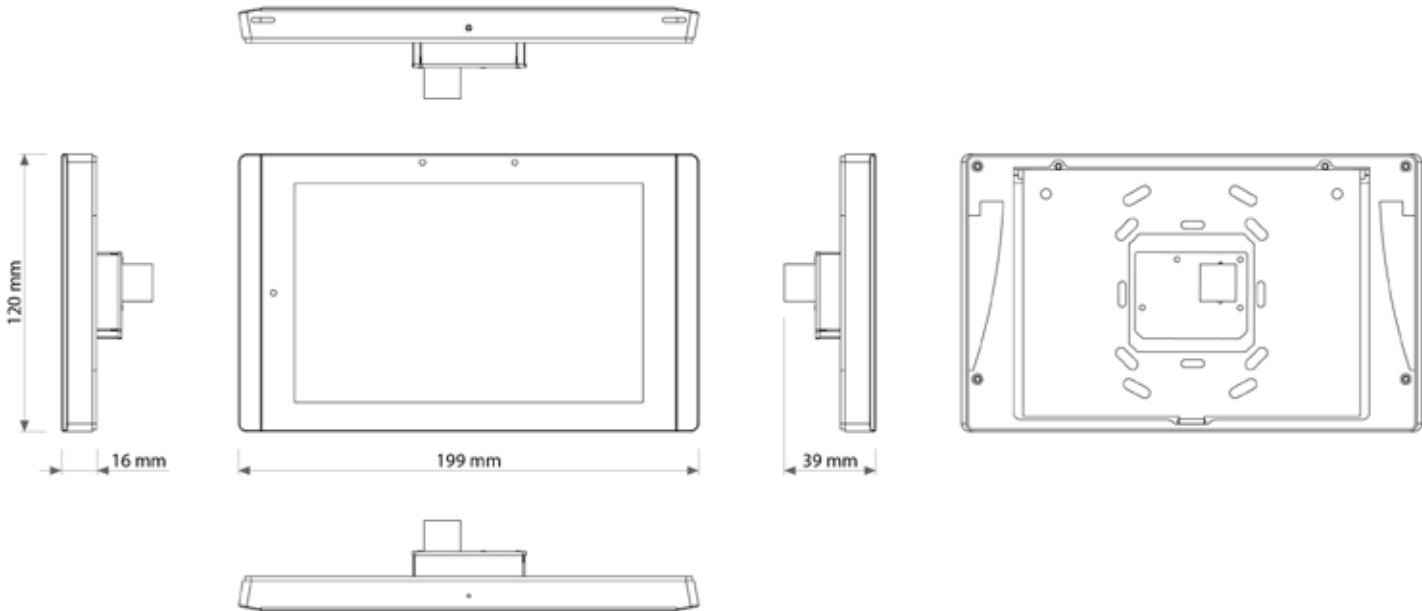
Dimensional diagram of the RS-TOUCH7-M.



Dimensional diagram of the RS-TOUCH12-W.



Dimensional diagram of the RS-TOUCH12-M.



Ordering Information

Item	Code
IN-SESSION Room Scheduler	
7"	
In-Wall	RS-TOUCH7-W
On-Wall	RS-TOUCH7-M
12"	
In-Wall	RS-TOUCH12-W
On-Wall	RS-TOUCH12-M

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About Black Box:

Black Box is a leading technology product solutions provider that helps customers build, manage, optimize, and secure their networks. The Black Box quality management system is ISO 9001:2008 certified, and the company has received numerous industry recognitions. Black Box provides its customers with free, 24/7 pre- and post-sales technical support. The Black Box catalog and Web site offer an extensive range of infrastructure products including Cabling, Cabinets & Racks, Data Center Cooling Solutions, Power & Surge Protection, and Environmental Monitoring.

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