

ShareLink Pro 500

WIRED AND WIRELESS PRESENTATION GATEWAY



macOS



Powerful and Cost-Effective Wireless Collaboration

- ▶ Easily share content from any device
- ▶ Provides full screen mirroring for all devices
- ▶ Wireless and wired sources can collaborate simultaneously
- ▶ Supports Mac and Windows computers as well as Apple and Android tablets and smartphones
- ▶ Dedicated app provides consistent user experience across platforms
- ▶ View up to four pieces of content simultaneously from any connected user

Extron

ShareLink Pro 500

The Extron ShareLink Pro 500 is a Wired and Wireless Presentation Gateway that enables anyone to present content from computers, tablets, or smartphones onto a display for easy and cost-effective collaboration. It features advanced technology that supports simultaneous display of up to four devices, including an HDMI-connected device. The HDMI input supports wired devices, such as a signage player or other AV source. The ShareLink Pro 500 has collaboration and moderator modes that facilitate both open and controlled collaboration environments. When used with Extron GVE – GlobalViewer Enterprise software, multiple units can be managed across an enterprise or campus. The ShareLink Pro 500 offers professional capabilities that make it easy to integrate AV and mobile devices into huddle, meeting, and collaboration spaces.



ShareLink Pro 500 facilitates easy full-screen mirroring for all devices, from Mac and Windows computers to Android and Apple devices, displaying the entire screen for more fluid and easy collaboration sessions. Install the user-friendly software for screen mirroring, application window sharing, and access to advanced features such as moderated collaboration.



macOS



Easily Share Content

Users who want to share content without installing software can use Miracast™, Apple Mirroring, or WebShare™. Users with Windows 10 devices can use Miracast™ via the ShareLink Pro WFA 100, optional USB adapter. Users with Mac or iOS devices can use their built-in Apple Mirroring features to share content. Finally, WebShare enables sharing via a user's Chrome web browser, for quick content sharing.

FEATURES

Easily share content from any device

Users who want to share content without installing software can use Miracast™ with the WFA 100 adapter, WebShare™, or Apple Mirroring.

Provides full screen mirroring for all devices

Display the entire screen of your device through the wireless presentation system for more fluid and easy collaboration sessions.

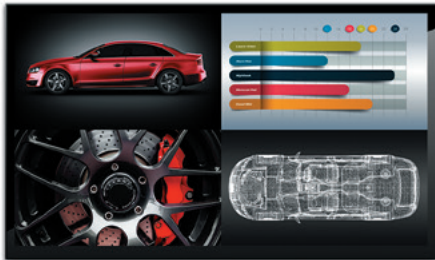
Wireless and wired sources can collaborate simultaneously

HDMI input enables wired users or sources to collaborate simultaneously with wireless users in the same session.

Supports Mac and Windows computers as well as Apple and Android tablets and smartphones

Dedicated app provides consistent user experience across platforms

Similar interface for all platforms makes it easy for users to assist one another or move between devices regardless of how they connect and share content.



View up to four pieces of content simultaneously from any connected user

Fosters effective collaboration and discussion by comparing multiple sources concurrently and by reducing or eliminating the need to switch between sources.

Centralized Management

Monitor ShareLink Pro 500 usage, update firmware, and restore saved configurations to multiple units from one central location.

HDMI input supports computer and video resolutions up to 4K

Supports resolutions up to 4096x2160 with 4:4:4 chroma sampling at 8 bits of color in bypass mode.

Collaboration mode allows any attendee to display content and control the presentation

Enables content display from any connected device to enhance interactivity in brainstorming sessions, team meetings, and other collaborative environments.

Moderator mode ensures only approved users' content is displayed

Enables the moderator to select which users can access the display and how the content is displayed.

Display codes ensure content is delivered only to the selected display devices

Randomly generated or user-defined display authentication codes prevent unintentional sharing or display of content to an adjacent space.

WebView™ technology displays slide images on attendee's personal devices via a Web browser

The ShareLink Pro 500 can display content on a participant's mobile device. This is ideal for attendees who cannot easily view the main display.

Fully customizable welcome screen

Multiple configuration options to show, hide, or customize information on the welcome screen, so users can quickly connect and begin sharing their content.

Connects to an existing wireless network

ShareLink Pro 500 leverages the existing wireless network infrastructure, providing easy wireless connection for a variety of mobile devices.

128-bit data encryption

A variety of security protocols ensure that all content transmitted between devices and the ShareLink Pro 500 is fully encrypted and secure.

Display control using CEC over HDMI connection



PoE+ delivers power and communication over a single Ethernet cable, eliminating the need for a local power supply - Power injector sold separately.

Includes user-friendly software for screen mirroring, sharing, and advanced control

Provides both an executable that does not require administrator access rights and a version that can be deployed by IT administrators.

Video screen saver

The ShareLink Pro 500 can be set to automatically mute video and sync output to the display device when no active connections are detected, automatically entering the display into standby mode to conserve energy, reducing costs and promoting panel life.

Easy setup and commissioning with Extron PCS – Product Configuration Software

Conveniently configure multiple products using a single software application.

Compatible with Extron mounting solutions

Easy mounting with Extron low-profile and under-desk mounts, under-table kits, and rack-shelf options.

1" (2.5 cm) high, half rack width metal enclosure

Compact, low profile enclosure allows discreet installation within a lectern or behind a flat panel display.

ShareLink Pro Key Feature Comparison

	ShareLink Pro 1000	ShareLink Pro 500
Max Output Resolution*	4K	1080p
Ethernet Ports	Dual	Single
Display Control Options	RS-232/CEC	CEC
TeamWork Show Me Support	•	
Contact/Tally Control	•	

*When sharing content via software app

ENTERPRISE FUNCTIONALITY

Customized Welcome Experience

The ShareLink Pro 500 features a fully-customizable welcome screen with multiple configuration options to assist users in quickly connecting their devices and sharing content. Custom welcome images such as organization-specific connection instructions can be uploaded and shown as the default Welcome Screen on the display. IP or Hostname information can be displayed or hidden, as desired. Multiple images can also be displayed to provide more detailed connection instructions, support information, or any other local information. A signage player can be connected to the HDMI input connection, so the ShareLink Pro 500 can act as a signage display when not in use for collaboration sessions, displaying updated organizational information from the signage player until the first wireless user connects, and returning to a signage display once all wireless users have disconnected.



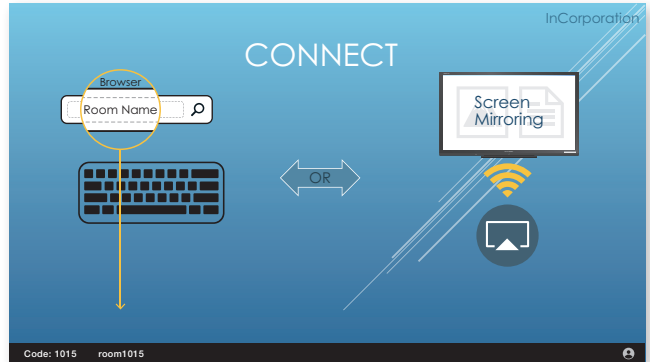
Secure Collaboration

The ShareLink Pro 500 features a suite of security protocols to ensure a safe and protected collaboration environment. All content transmitted between devices running the ShareLink Pro software and the ShareLink Pro 500 is safeguarded with 128-bit encryption. Communications between user devices and the ShareLink Pro 500 are protected with the HTTPS secure connection protocol. Control, monitoring, or management applications using an Extron control system communicate with the ShareLink Pro 500 using SSH for secure communication. For environments with multiple ShareLink Pro systems, entry of a four-digit code can be required on the Welcome Screen before users can share content to the display. This feature is particularly useful to ensure users only see their content in environments that may have multiple units in close proximity, such as huddle spaces, active learning environments, office buildings, or classroom buildings.

In addition to an administrative password, additional optional passwords can be setup for a moderator or for all users, providing another layer of protection for secure collaboration.

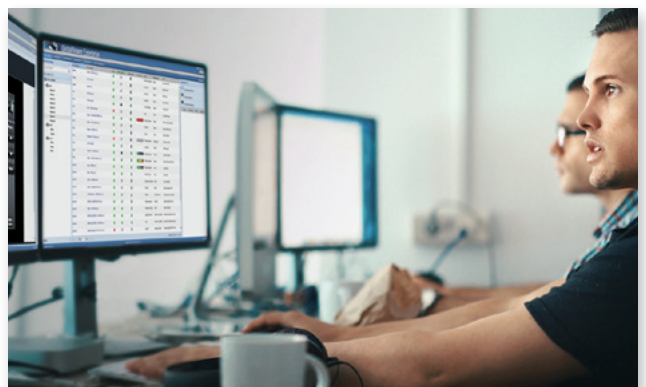
Centralized Management

With the ShareLink Pro 500, setting up or managing several ShareLink Pro systems is practically as easy as setting up or managing a single system. Extron's PCS – Product Configuration Software conveniently sets up and configures one or many units simultaneously. PCS can save configurations for future use when expanding ShareLink Pro systems, or when restoring a unit that has been replaced. PCS also allows multiple units to receive firmware updates concurrently, saving time and greatly improving efficiency. In addition, Extron's powerful and flexible GlobalViewer Enterprise software enables the management, monitoring, and control of ShareLink Pro systems over any standard Ethernet network.



Custom Welcome screen with preferred connection methods and company logo in upper right

Code: 1015



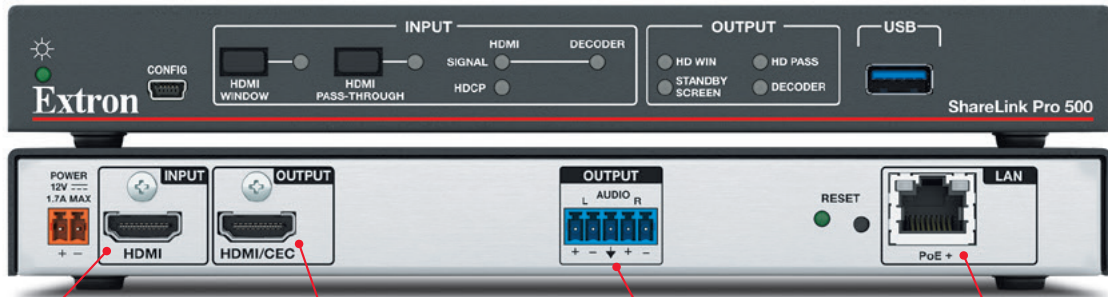
OVERVIEW

Display control

CEC control over HDMI connection is built in so no separate control processor is required

Compact, low profile enclosure

The 1" (2.5 cm) enclosure can be rack mounted or discreetly installed behind a flat panel display



HDMI Input

Enables wired users or sources to collaborate simultaneously with wireless users

HDMI Output

Supports computer and video resolutions up to 4K from the HDMI input or 1080p for software shared content

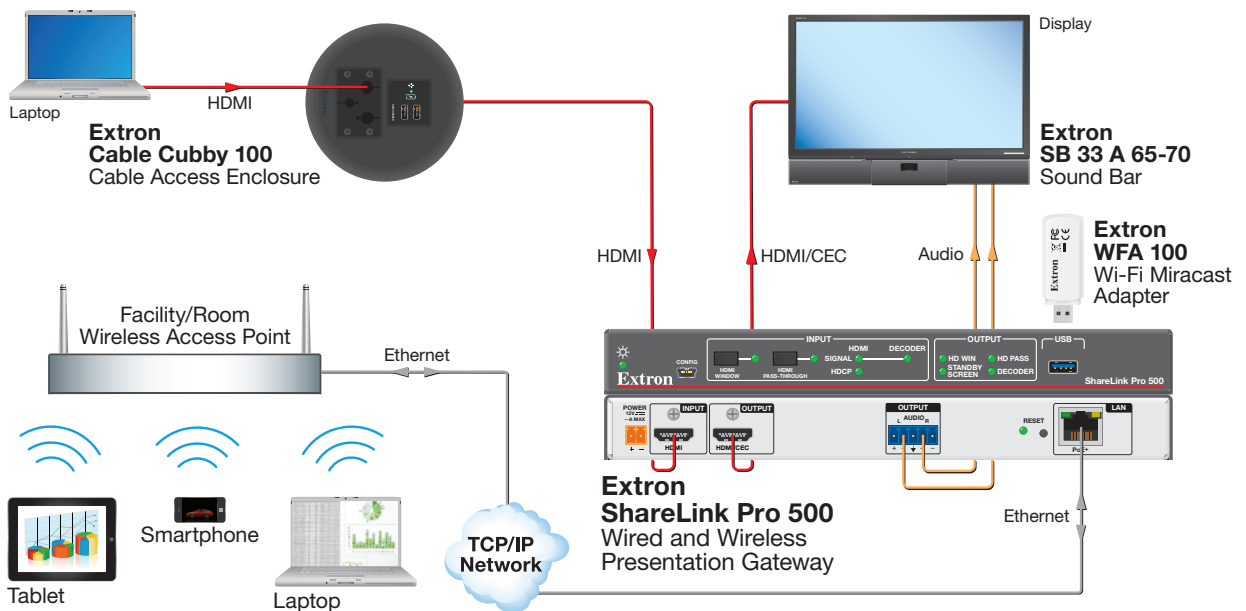
Line Level Audio Output

Line level audio output to connect to room audio system

Gigabit Ethernet & PoE+

Data and power are delivered over a single cable, eliminating the need for a local power supply

Application Diagram



SPECIFICATIONS

TRUE 4K SPECIFICATION

Max 4K Capabilities		
Resolution and Refresh Rate	Chroma Sampling	Max Bit Depth per Color
4096 x 2160 at 60 Hz 3840 x 2160 at 60 Hz 4096 x 2160 at 30 Hz 3840 x 2160 at 30 Hz	4:4:4	8 bit
4096 x 2160 at 60 Hz 3840 x 2160 at 60 Hz		12 bit
	4:2:0	

Frame rate ¹	24, 25, 30, 50, or 60 fps
Chroma sampling ¹	4:4:4, 4:2:2, or 4:2:0
Color bit depth ¹	8, 10, or 12 bits per color
Signal type	HDMI 2.0b, HDCP 2.2
Max. video data rate	18 Gbps (6 Gbps per color)
Maximum pixel clock	600 MHz
NOTE: ¹ Subject to the maximum data rate limit. Use our calculator at www.extron.com/4Kdata to determine video parameters supported by this data rate.	
NOTE: The specifications above apply only to pass-through mode.	

VIDEO INPUT

Number/signal type	1 HDMI digital video
Connectors	1 female HDMI type A
Horizontal frequency	15 kHz to 100 kHz
Vertical frequency	24 Hz to 75 Hz
Resolution range (Window mode)	640x480 @ 60 Hz to 1920x1200 @ 60 Hz (includes 480p, 576p, 720p, 1080p)
Resolution range (Pass-through mode)	640x480 @ 60 Hz to 4096x2160 @ 60 Hz (includes 480i, 480p, 576i, 576p, 720i, 720p, 1080i, 1080p, 2K, 4K)
Standards	DVI 1.0, HDMI 2.0, HDCP 2.2

VIDEO PROCESSING – HDMI WINDOW MODE

Maximum data rate	6.75 Gbps (2.25 Gbps per color)
Frame rates	24, 25, 30, 50, or 60 fps
Chroma sampling	4:4:4, 4:2:2, or 4:2:0
Color bit depth	8, 10, 12 or 16 bits per color
Resolution range	1920 x 1200 @ 60 Hz or 1080p @ 60 Hz

VIDEO OUTPUT

Number/signal type	1 HDMI output
Connectors	1 female HDMI type A
Peripheral device power	250mA
Horizontal frequency	15 kHz to 100 kHz
Vertical frequencies (window mode)	23.98 Hz, 24 Hz, 25 Hz, 29.97 Hz, 30 Hz, 50 Hz, 59.94 Hz, 60 Hz
Vertical frequencies (pass-through mode)	24 Hz to 75 Hz
Output resolutions (window mode)	640x480, 800x600, 1024x768, 1280x720, 1280x724, 1366x768, 1600x1200, 1920x1200, 480p, 576p, 720p, 1080p
Output resolutions (pass-through mode)	640x480, 800x600, 1024x768, 1280x720, 1280x724, 1366x768, 1600x1200, 1920x1200, 3840x2160, 4096x2160 (up to 60 Hz), 480i, 480p, 576i, 576p, 720i, 720p, 1080i, 1080p, 2K, 4K @ 60 Hz
Standards	DVI 1.0, HDMI 2.0, HDCP 2.2

AUDIO OUTPUT – ANALOG

Number/signal type	1 analog stereo, balanced/unbalanced (variable)
Connectors	(1) 3.5 mm captive screw connector, 5-pole

ETHERNET CONTROL

Network interface controllers (NICs)	1
Connector	1 female RJ-45 connector
Data rate	10/100/1000Base-T, half/full duplex with Auto-detect

GENERAL

Power input	12 VDC from external power supply (sold separately) or Power over Ethernet Plus (PoE+ IEEE 802.3at)
Power consumption	16.7 watts
Power over Ethernet (PoE)	Complies with 802.3at (PoE+), class 4 (type 2)

Mounting

Furniture mount	Yes, with optional under-desk or wall mounting kit (MBU 125)
Rack mount	Yes, with optional rack shelf kit Back-of-rack mountable with optional back-of-rack mounting kit

Enclosure type

Enclosure type	Metal
Enclosure dimensions	1.0" H x 8.75" W x 8.0" D (1" high, half rack wide, 8" deep) (2.54 cm H x 22.2 cm W x 20.3 cm D) (Depth excludes connectors)

Product weight

Product weight	1.8 lbs (0.8 kg)
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Regulatory compliance

Regulatory compliance	CE, c-UL, UL, C-tick, FCC Class A, ICES, VCCI Complies with appropriate requirements of RoHS and WEEE
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Product warranty

Product warranty	3 years parts and labor
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Model	Version Description	Part number
ShareLink Pro 500	Wired and Wireless Presentation Gateway	60-1877-01
ShareLink Pro 500 Miracast Kit US,	ShareLink Pro 500 w/ Miracast; US,	42-297-01
ShareLink Pro 500 Miracast Kit EU,	ShareLink Pro 500 w/ Miracast; EU,	42-297-02

Optional Accessories

Model	Version Description	Part number
WFA 100 US	USB to Wi-Fi Miracast Adapter; US	60-1944-01
WFA 100 EU	USB to Wi-Fi Miracast Adapter; EU	60-1944-02
PS 1220	Power Supply	70-1259-01
MBU 125	Low-Profile Mount Kit for 1/4 and 1/2 Rack Width, Two-Piece Enclosures	70-077-01
Half Rack Shelf	Half-Rack Width rack shelf and accessories	60-1251-xx
UTS 100 Series	Under Table Shelf System	70-1028-xx
PI 140	High Power Injector	60-1361-01

For complete specifications, please go to www.extron.com
Specifications are subject to change without notice.

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