

ShareLink Pro 1100

WIRED AND WIRELESS PRESENTATION SYSTEM



4K UHD

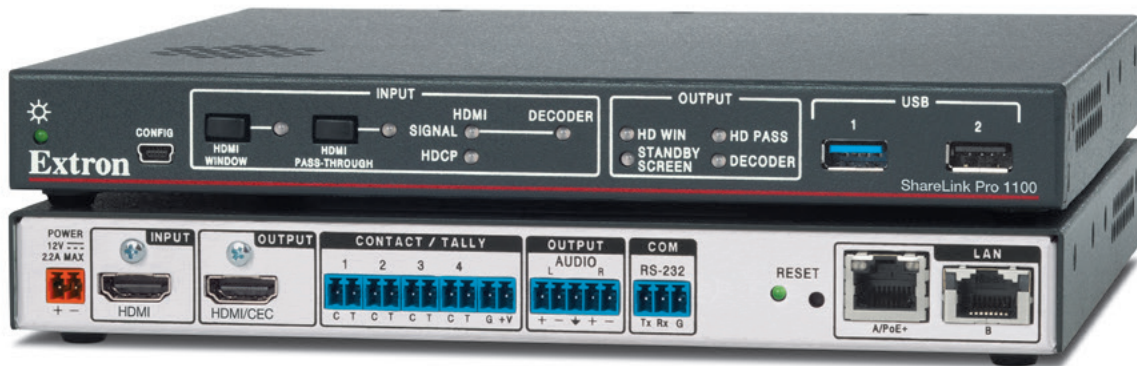
Take Your Collaboration Space to the Next Level

- ▶ Easily share content from any device
- ▶ Provides full screen mirroring for all devices
- ▶ Wired and wireless sources can collaborate simultaneously
- ▶ Supports Mac and Windows computers as well as Apple and Android tablets and smartphones
- ▶ HDMI output supports computer and video resolutions up to 4K
- ▶ View up to four pieces of content simultaneously from any connected user

Extron

ShareLink Pro 1100

The ShareLink Pro 1100 is a 4K Wired and Wireless Presentation System that enables anyone to present content from computers, tablets, or smartphones on a display for easy collaboration. It supports simultaneous display of up to four devices including an HDMI-connected device. The HDMI input supports wired devices, including TeamWork Show Me cables for easy source selection. It has both collaboration and moderator modes for open and controlled collaboration and dual Ethernet ports for more secure environments. When used with Extron GVE – GlobalViewer Enterprise software, multiple units can be managed across an enterprise or campus. ShareLink Pro's professional capabilities provide easy integration of AV and mobile devices into huddle, meeting and collaboration spaces.



The ShareLink Pro 1100 facilitates easy full-screen mirroring for all devices, including Mac and Windows computers and laptops, Android, and Apple tablets and smartphones, 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

The ShareLink Pro provides several options for users to share content without installing special software on their device. Windows 10 users can use Miracast™ via the ShareLink Pro WFA 100, an 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 collaboration gateway for more fluid and easy collaboration sessions.

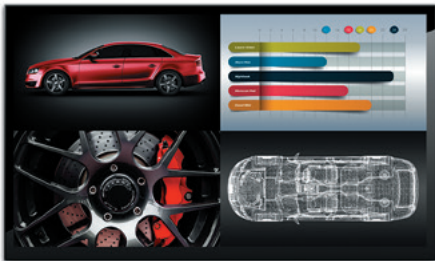
Wireless and wired sources can collaborate simultaneously

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

Save valuable time by updating firmware on multiple ShareLink Pro 1100 units simultaneously from one central location. Monitor ShareLink Pro 1100 usage on multiple units via the GVE management platform.

HDMI output supports computer and video resolutions up to 4K

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

Compatible with TeamWork Show Me cables

Show Me cables provide convenient connectivity and user input selection and control for TeamWork collaboration systems. Visit the TeamWork System Builder to create a customized system for your collaboration environment.

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 of content or display to an adjacent space.

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

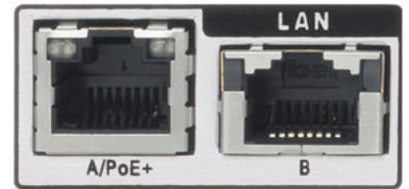
The ShareLink Pro 1100 enables meeting content to display on a participant's mobile device. This is ideal for attendees who cannot easily view the main display.

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.

PoE+ compatible

Product is powered directly by a PoE+ switch or injector, eliminating the need for bulky local power supplies



Dual Gigabit Ethernet

Provides two high-speed data links, enabling segmentation of guest and private networks for fast and easy access to the Web or other network resources.

Connects to an existing wireless network

ShareLink Pro 1100 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 1100 is fully encrypted and secure.

Easy setup and commissioning with Extron PCS – Product Configuration Software

Conveniently configure multiple products using a single software application.

Display control options including RS 232 and CEC over HDMI connection

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 1100	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

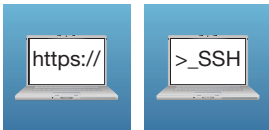
Customized Welcome Experience

The ShareLink Pro 1100 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 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.



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

Code: 1015



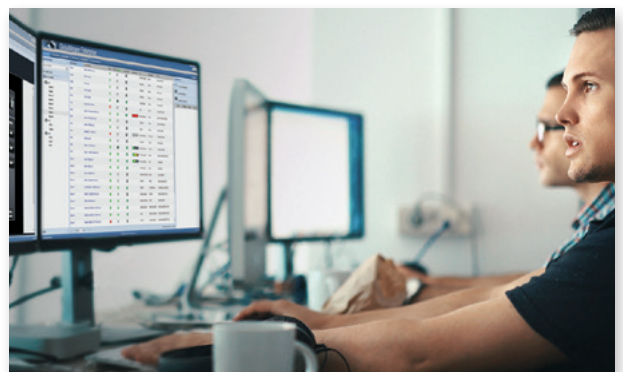
Secure Collaboration

The ShareLink Pro 1100 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 is safeguarded with 128-bit encryption. Communications between user devices and the ShareLink Pro 1100 are protected with the HTTPS secure connection protocol. Control, monitoring, or management applications using an Extron control system communicate with the ShareLink Pro 1100 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.

ShareLink Pro also features dual Gigabit Ethernet connections, enabling segmentation of internal private networks on one Ethernet from external guest networks on another Ethernet, ensuring only authorized users can access the private network. 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 ShareLink Pro, 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.



OVERVIEW

Multiple display control options

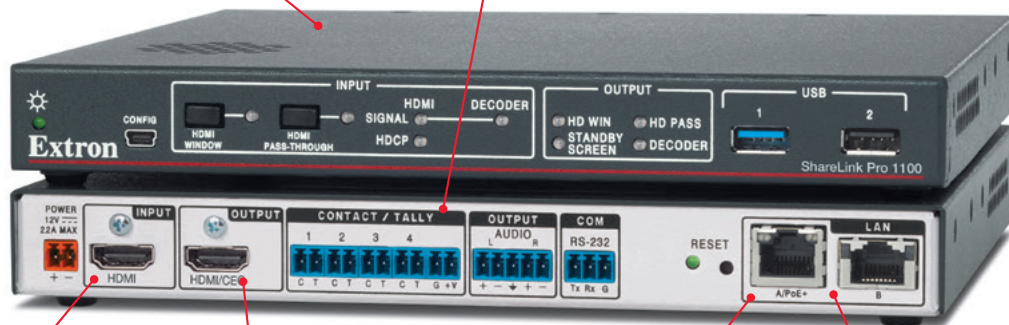
RS-232 and CEC control over HDMI connection are built in so no separate control processor is required

Contact and tally control

Allows for operation by optional TeamWork Show Me cable or button panel or automatic operation by an occupancy sensor

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

4K HDMI output

Supports computer and video resolutions up to 4096x2160 with 4:4:4 chroma sampling at 8 bits of color

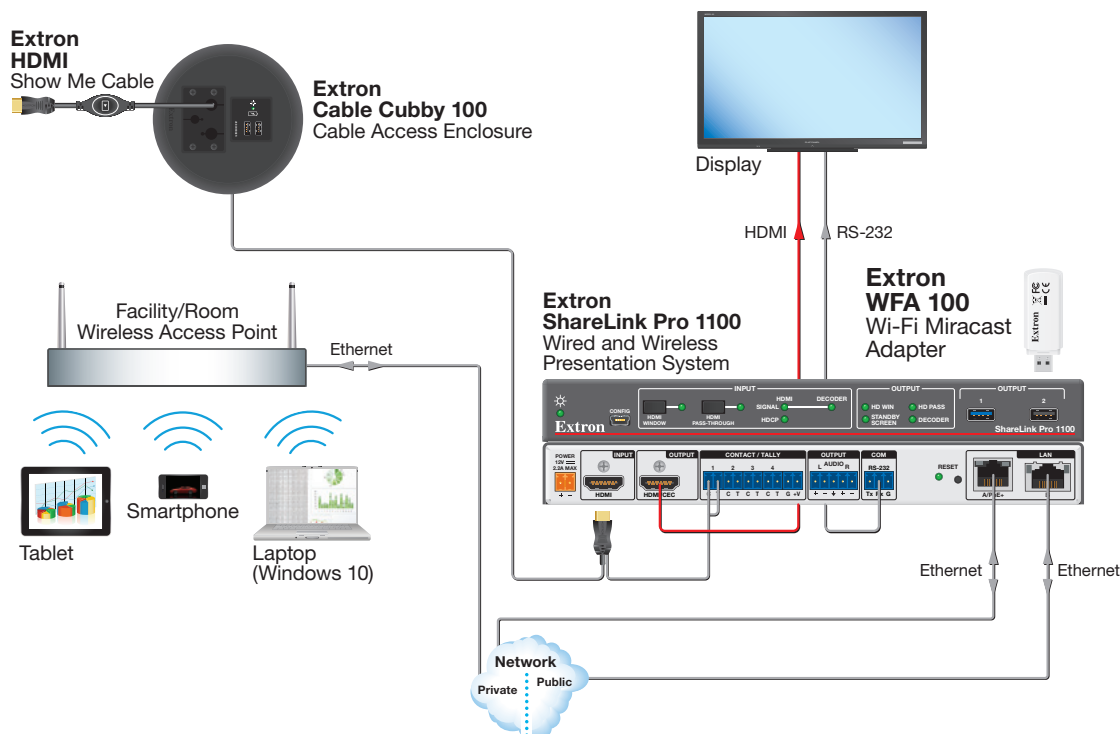
PoE+

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

Dual Gigabit Ethernet port

Provides two high-speed data links, enabling segmentation of guest and private networks for increased security

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 2.4
Max. video data rate	18 Gbps (6 Gbps per color)
NOTE: ¹ Subject to the maximum data rate limit. Use our calculator at http://www.extron.com/8Kdata 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 3840x2160 @ 30 Hz (includes 480p, 576p, 720p, 1080p, 2K, 4K)
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 2.4

VIDEO PROCESSING – HDMI WINDOW MODE

Maximum data rate	10.2 Gbps (3.4 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	2560 x 1600 @ 60 Hz or 1080p @ 60 Hz 4K (4096x2160) @ 30 Hz, UHD (3840x2160) @ 30 Hz

VIDEO OUTPUT

Number/signal type	1 HDMI output
Connectors	1 female HDMI type A
Video output power for active cables	1.1 W max. for the HDMI port
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
Standards	DVI 1.0, HDMI 2.0, HDCP 2.4

AUDIO OUTPUT – ANALOG

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

CONTROL/REMOTE – SERIAL COM PORT (RS-232)

Quantity/type	1 unidirectional RS-232
Connector	(1) 3.5mm captive screw connector, 3 pole, rear panel

CONTROL – CONTACT CLOSURE/TALLY OUTPUT

Number/type	(4) 3.5mm captive screw connector, 2-pole [C, T] (1) 3.5mm captive screw connector, 2-pole [G, +V]
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ETHERNET CONTROL

Network interface controllers (NICs)	2
Connector	2 female RJ-45 connectors
Data rate	10/100/1000Base-T, half/full duplex with Auto-detect

GENERAL

Power supply (sold separately)	External Input: 100-240 VAC, 50-60 Hz Output: 12 VDC, 4.2 A, 50.4 watts
Power input	12 VDC from external power supply (sold separately) or Power over Ethernet Plus (PoE+ IEEE 802.3at)

Power Consumption – Power over Ethernet (PoE+)

Device	26.2 watts
Device and power supply	28.2 watts

Power Consumption – 12 VDC Power Supply

Device	20 watts
Device and power supply	22.1 watts

Thermal dissipation – 12 VDC Power Supply

Device	41.2 BTU/Hr
Device and power supply	48.6 BTU/Hr

Mounting

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	1.8 lbs (0.8 kg)

Vibration	ISTA 1A in carton (International Safe Transit Association)
Regulatory compliance	CE, c-UL, UL, C-tick, FCC Class A, ICES, VCCI Complies with appropriate requirements of RoHS and WEEE
Warranty	3 years parts and labor

Model	Version Description	Part number
ShareLink Pro 1100	Wired and Wireless Presentation System	60-1943-01
ShareLink Pro 1100 Miracast Kit US	ShareLink Pro 1100 w/ Miracast; US	42-294-01
ShareLink Pro 1100 Miracast Kit EU	ShareLink Pro 1100 w/ Miracast; EU	42-294-02
ShareLink Pro 1100 Miracast Upgrade Kit US	Miracast Adapter and Power Supply; US	42-295-01
ShareLink Pro 1100 Miracast Upgrade Kit EU	Miracast Adapter and Power Supply; EU	42-295-02

Optional Accessories

Model	Version Description	Part number
LinkLicense,	H.264 Support Upgrade	79-2580-01
PS 1242	12 V, 4.2 A, Power Supply	70-1246-01
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
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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