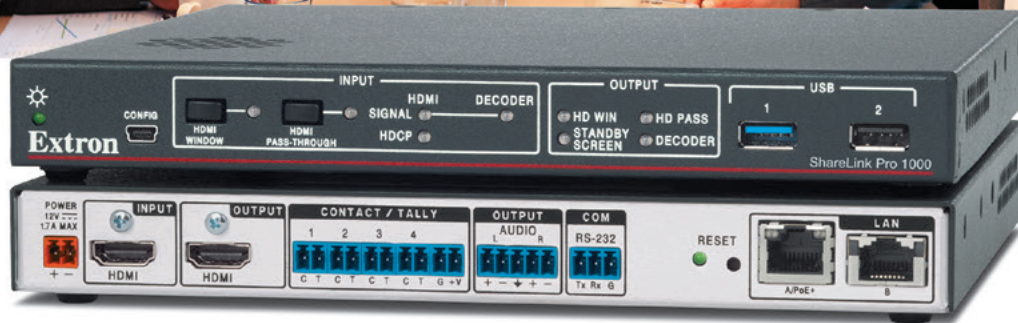


ShareLink Pro 1000

WIRELESS AND WIRED COLLABORATION GATEWAY



4K UHD

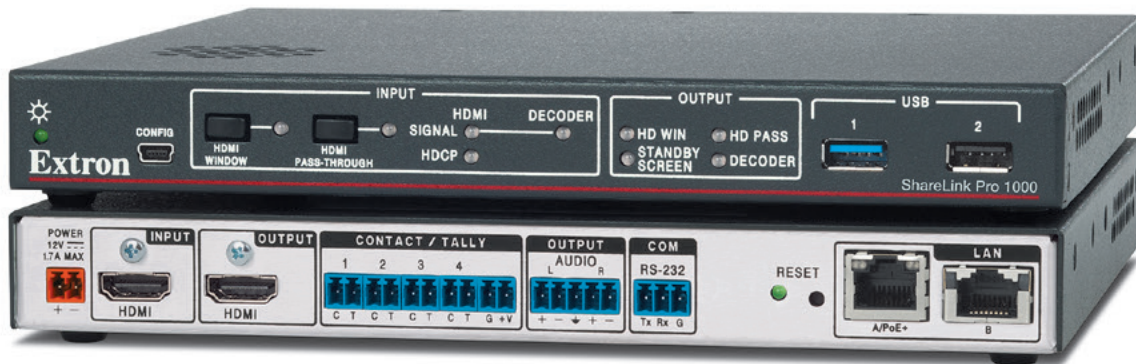
Take Your Collaboration Space to the Next Level

- ▶ Wirelessly share content from mobile devices
- ▶ 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 1000

Extron's ShareLink Pro 1000 is a Wireless and Wired Collaboration Gateway that enables anyone to effortlessly present content from their computers, tablets, or smartphones onto a display for easy collaboration. It features advanced technology that supports simultaneous display of up to four devices including an HDMI-connected device. 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 meeting, huddle, collaboration, and presentation spaces.



The ShareLink Pro 1000 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.



The ShareLink Pro 1000 allows any user to display content and control the presentation. Each user can mirror their desktop or share images, documents or applications with each shared item dynamically add to the display up to a maximum of four shared items visible on the display at any one time. This enhances interactions during brainstorming sessions, team meetings, group studies, and with other collaborative spaces.

FEATURES



Wirelessly share content from mobile devices

Connects a wide variety of devices to the system wirelessly or through a wired LAN connection.

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 1000 units simultaneously from one central location. Monitor ShareLink Pro 1000 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 or display of content to an adjacent space.

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

The ShareLink Pro 1000 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.

Connects to an existing wireless network

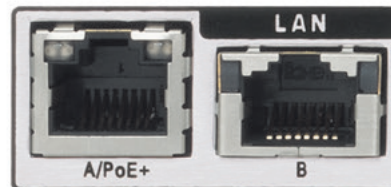
ShareLink Pro 1000 leverages the existing wireless network infrastructure, providing easy wireless connection for a variety of mobile devices.

128-bit data encryption

A variety of security protocols ensure that all content transmitted between devices and the ShareLink Pro 1000 is fully encrypted and secure.

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.

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 1000 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.

Display control options including RS 232 and CEC over HDMI connection

Compatible with Extron mounting solutions

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

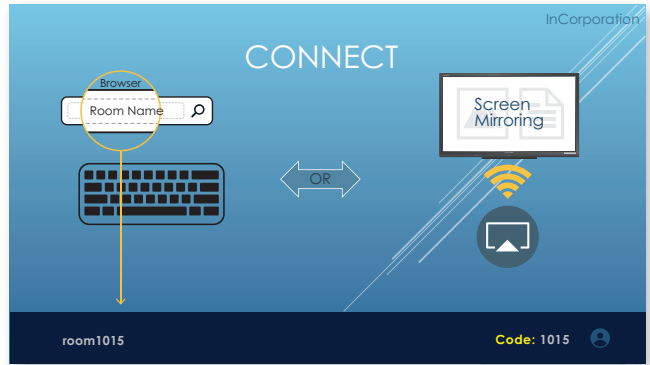
1" (2.5 cm) high, half rack width metal enclosure

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

ENTERPRISE FUNCTIONALITY

Customized Welcome Experience

The ShareLink Pro 1000 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



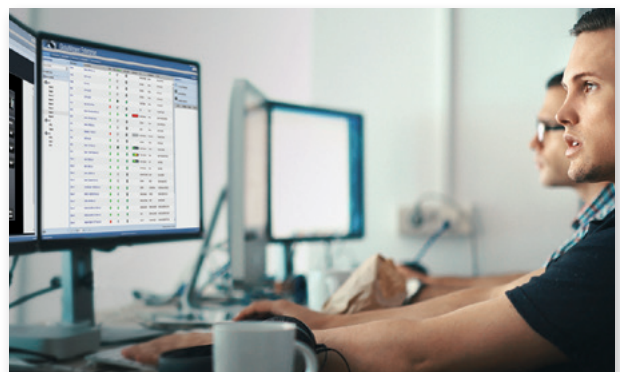
Secure Collaboration

The ShareLink Pro 1000 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 1000 are protected with the HTTPS secure connection protocol. Control, monitoring, or management applications using an Extron control system communicate with the ShareLink Pro 1000 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

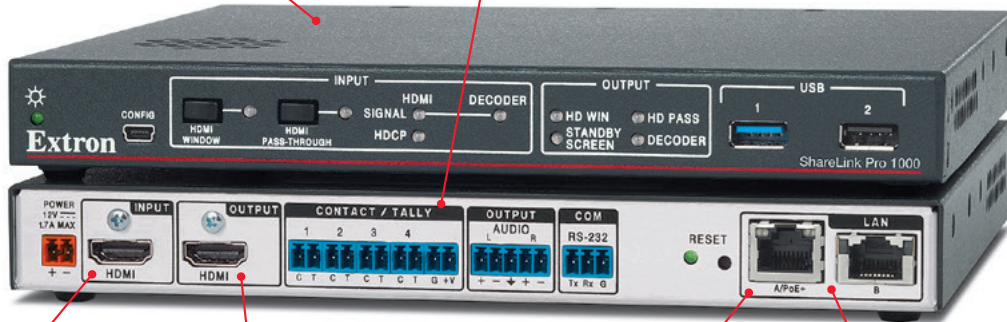
RS-232 and CEC control over HDMI connection are built in so no separate control processor is required

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

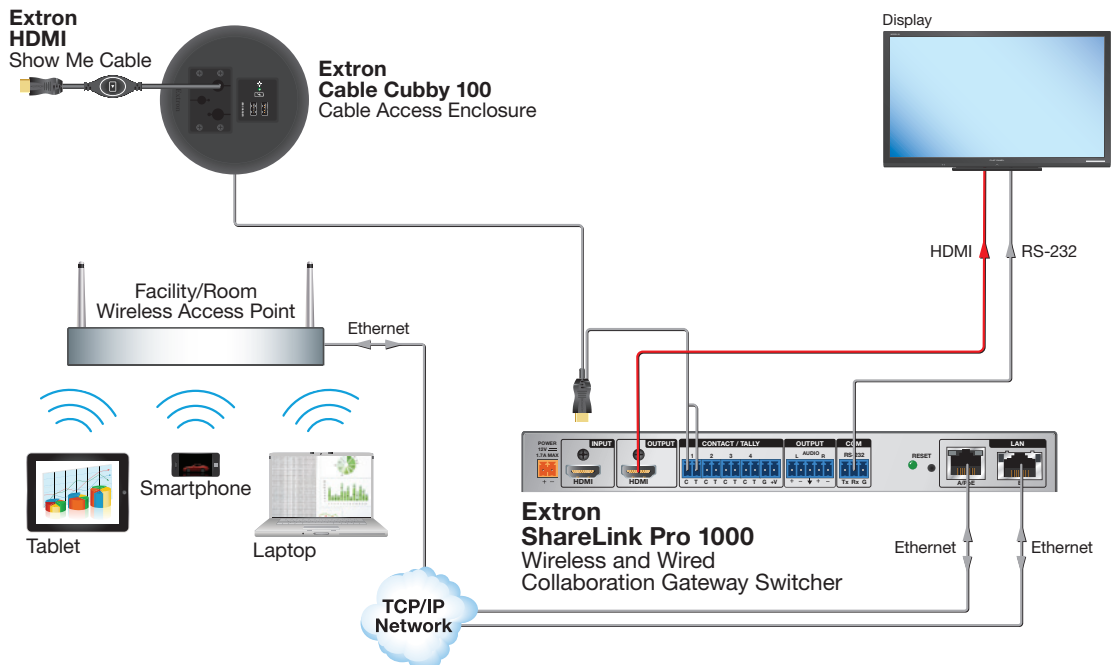
PoE+

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 2.2
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 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 2.2

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
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, 3840x2160 (up to 30 Hz only), 480p, 576p, 720p, 1080p, 2K, 4K @ 30 Hz

Output resolutions (pass-through mode)	640x480, 800x600, 1024x768, 1280x720, 1280x724, 1366x768, 1600x1200, 1920x1200, 3840x2160 (up to 60 Hz), 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
------------	--

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]
-------------	---

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	External Input: 100-240 VAC, 50-60 Hz Output: 12 VDC, 2 A, 24 watts
--------------	---

Power input	12 VDC from external power supply or Power over Ethernet Plus (PoE+ IEEE 802.3at)
-------------	--

Power consumption	
Device	16.7 watts
Device and power supply	20.1 watts

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)
----------------	------------------

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

Product warranty	3 years parts and labor
------------------	-------------------------

Model	Version Description	Part number
ShareLink Pro 1000	Wireless and Wired Collaboration Gateway	60-1679-01

Optional Accessories

Model	Version Description	Part number
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.

WORLDWIDE SALES OFFICES

Anaheim • Raleigh • Silicon Valley • Dallas • New York • Washington, DC • Toronto • Mexico City • Paris • London
Frankfurt • Madrid • Stockholm • Amersfoort • Moscow • Dubai • Johannesburg • Tel Aviv • Sydney • Melbourne
Bangalore • Mumbai • New Delhi • Singapore • Seoul • Shanghai • Beijing • Hong Kong • Tokyo

www.extron.com