ShareLink Pro 2000

4K WIRELESS PRESENTATION SYSTEM



4K UHD

5Gbps USB

EVERLAST POWER SUPPLIES

Powerful and Cost-Effective Wireless Collaboration

- Provides full screen mirroring for all devices
- NEW - ConferenceShare™ allows the UC laptop to connect wirelessly to room cameras to support Teams and Zoom meetings
- Supports Mac® and Windows® computers as well as Apple® and Android™ tablets and smartphones
- Dedicated app supports moderator mode and other usability features
- Effortlessly share content via AirPlay, Miracast, or WebShare - no software installation required
- NEW - 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 2000

Extron's ShareLink Pro 2000 is a 4K Wireless Presentation System that enables anyone to effortlessly present content from their 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 sources, including an HDMI-connected device. When used with Extron GVE – GlobalViewer Enterprise software, multiple units can be managed across an enterprise or campus. The ShareLink Pro 2000 offers professional capabilities that make it easy to integrate AV and mobile devices into conference, meeting, and collaboration spaces.



The ShareLink Pro 2000 includes ConferenceShare™ which enables wireless sharing of content from USB meeting room devices, such as cameras or microphones, for use in Microsoft Teams or Zoom meetings. The software connects Windows and macOS laptops to ShareLink Pro Wireless Presentation Systems via an existing Wi-Fi network. Laptops running UC software can then share content from USB room devices connected to the ShareLink Pro Presentation System.

ConferenceShare works with Teams, Zoom, and other conferencing systems:





Add Wireless Conferencing to Any Room

As hybrid environments become more common, it is essential to incorporate room cameras and microphones into UC meetings. ConferenceShare™ enables that capability by wirelessly sharing video and audio from in-room USB devices with Windows or macOS laptops running Teams, Zoom, or other UC meetings. Now USB devices connected to a ShareLink Pro 4K Wireless Presentation System are available to users with ConferenceShare on their laptops. Whether presenting locally or joining a remote meeting, ConferenceShare makes it easy to share content wirelessy.

FEATURES

Provides full screen mirroring for all devices
Display the entire screen of your device for more fluid and easy collaboration sessions.

ConferenceShare™ allows the UC laptop to connect wirelessly to room cameras
Facilitates wireless sharing of content from USB devices, such as cameras or microphones, for use in Microsoft Teams, Zoom, or other UC meetings.

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 2000 usage, update firmware, and restore saved configurations to multiple units from one central location.

HDMI Input and Output support 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 selected displays
Randomly generated or user-defined display authentication codes prevent unintentional sharing or display of content to an adjacent space.

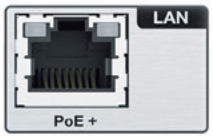
WebView™ technology displays slide images on attendee's personal devices via a Web browser
The ShareLink Pro 2000 can display content on a participant's mobile device. This is ideal for attendees who cannot easily view the main display.

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 2000 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 2000 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.

Easily share content from any device
Users can quickly share content via AirPlay, Miracast™ (WFA 100 adapter required) or Webshare™. No software installation required.

Video screen saver
Can 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.

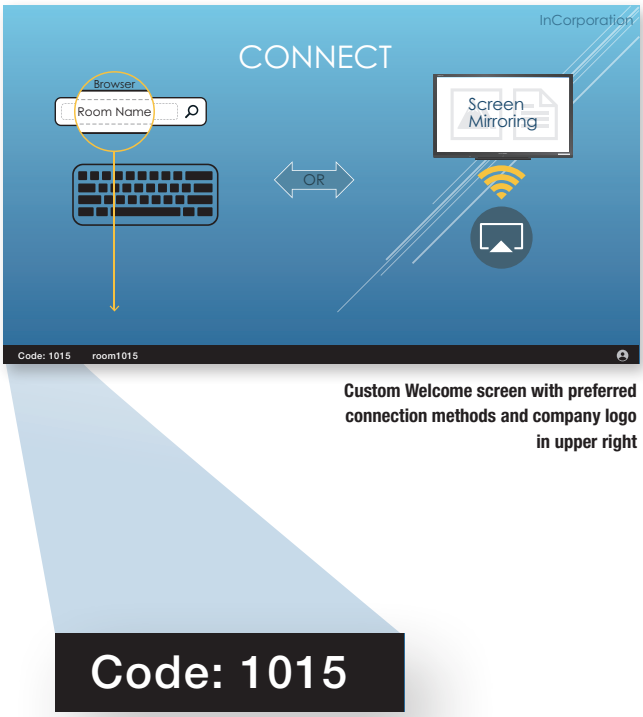
SHARELINK PRO KEY FEATURE COMPARISON

	ShareLink Pro 2500	ShareLink Pro 2000
ConferenceShare	Yes	Yes
Ethernet Ports	Dual	Single
Display Control Options	RS-232/CEC/IR/Serial	CEC
Display Support	Dual	Single
I/O Control	Yes	No
Active Learning	Yes	No

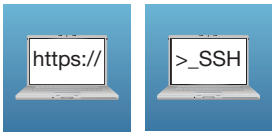
ENTERPRISE FUNCTIONALITY

Customized Welcome Experience

The ShareLink Pro 2000 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 2000 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



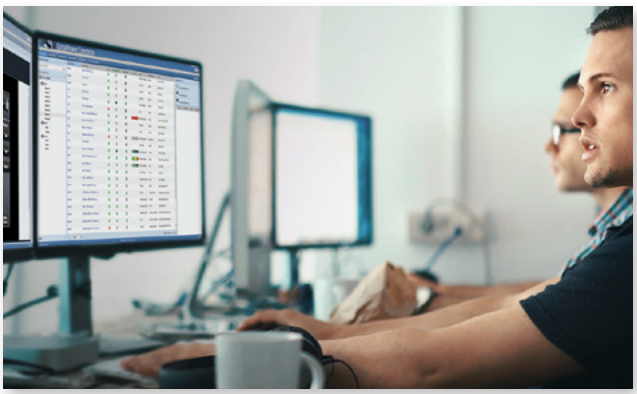
Secure Collaboration

The ShareLink Pro 2000 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 2000 is safeguarded with 128-bit encryption. Communications between user devices and the ShareLink Pro 2000 are protected with the HTTPS secure connection protocol. Control, monitoring, or management applications using an Extron control system communicate with the ShareLink Pro 2000 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

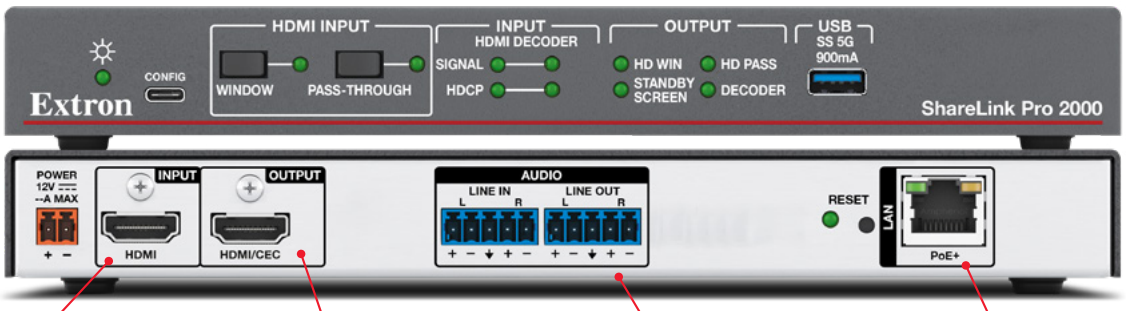
With the ShareLink Pro 2000, setting up or managing several ShareLink Pro systems is practically as easy as setting up or managing a single system. Extron's PCS – Product Configuration Software conveniently sets up and configures one or many units simultaneously. PCS can save configurations for future 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

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



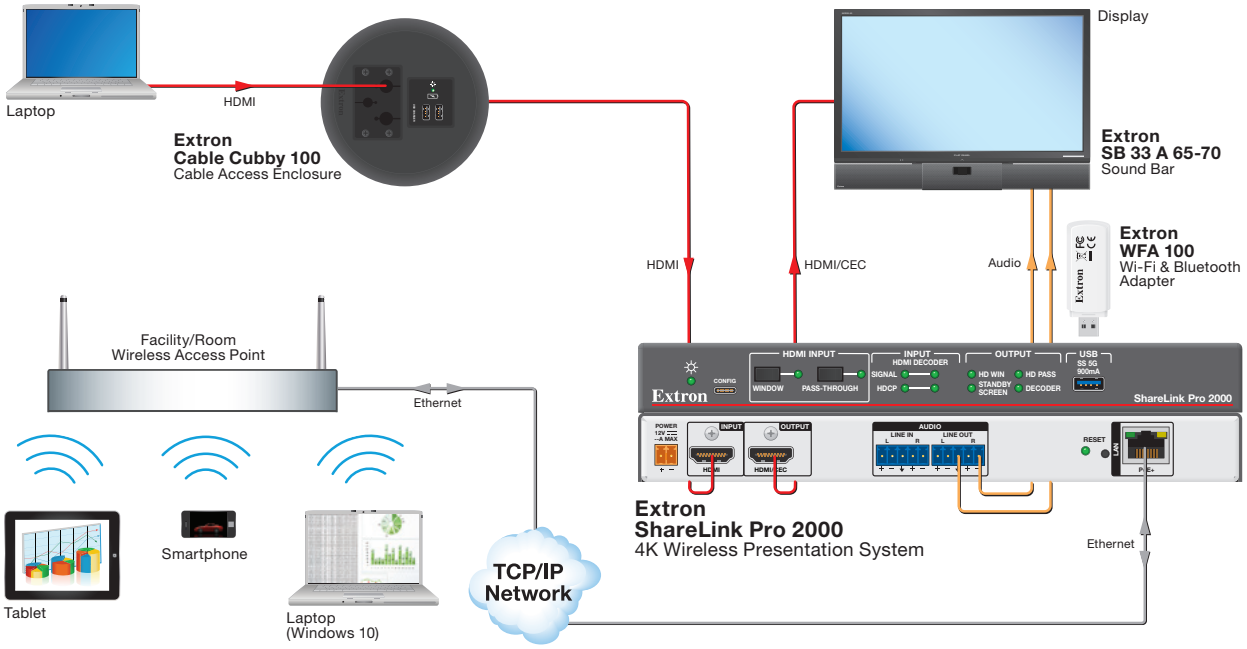
4K HDMI Input
Enables wired users or sources to collaborate simultaneously with wireless users

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

Line Level Audio Input and Output
Line level audio input and output to connect to room audio system

Gigabit Ethernet and 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
		12 bit
4096 x 2160 at 60 Hz 3840 x 2160 at 60 Hz	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 2.3
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 http://www.extron.com/8Kdatarate to determine video parameters supported by this data rate.

NOTE: The specifications above apply only to pass-through mode.

NATIVE SCREEN MIRRORING

Miracast	
Operating systems	Windows 10 version 1903 or later (Extron WFA 100 required)

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 2.3

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 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, 4096x2160 (up to 60Hz), 480i, 480p, 576i, 576p, 720i, 720p, 1080i, 1080p, 2K, 4K @ 60Hz
Output resolutions (pass-through mode)	640x480, 800x600, 1024x768, 1280x720, 1280x724, 1366x768, 1600x1200, 1920x1200, 3840x2160, 4096x2160 (up to 60Hz), 480i, 480p, 576i, 576p, 720i, 720p, 1080i, 1080p, 2K, 4K @ 60Hz
Standards	DVI 1.0, HDMI 2.0, HDCP 2.3

AUDIO INPUT — ANALOG

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

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 shielded 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 802.3at (PoE+)
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	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)
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 2000	4K Wireless Presentation System	60-1971-01
ShareLink Pro 2000 Miracast Kit US	ShareLink Pro 2000 w/ Miracast; US	42-350-01
ShareLink Pro 2000 Miracast Kit EU	ShareLink Pro 2000 w/ Miracast; EU	42-350-02

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 130	High Power Injector	60-1361-02
LinkLicense	Digital Signage Upgrade	79-2596-01

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

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