ShareLink Pro 1000
WIRELESS AND WIRED COLLABORATION GATEWAY

- 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

Take Your Collaboration Space to the Next Level

Extron
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.
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.

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.

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**Application Diagram**

- **Extron HDMI Show Me Cable**
- **Extron Cable Cubby 100**
- **Cable Access Enclosure**
- **Facility/Room Wireless Access Point**
- **Extron ShareLink Pro 1000**
  - Wireless and Wired Collaboration Gateway Switcher
- **Display**
  - HDMI
  - RS-232

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**Options:**
- **4K HDMI output**
- **Supports computer and video resolutions up to 4096x2160 with 4:4:4 chroma sampling at 8 bits of color**
- **Multiple display control options**
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- **Contact and tally control**
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- **Compact, low profile enclosure**
- **1” (2.5 cm) enclosure can be rack mounted or discreetly installed behind a flat panel display**
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Max 4K Capabilities

<table>
<thead>
<tr>
<th>Resolution and Refresh Rate</th>
<th>Chroma Sampling</th>
<th>Max Bit Depth per Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>4096 x 2160 at 60 Hz 3840 x 2160 at 60 Hz</td>
<td>4:4:4</td>
<td>8 bit</td>
</tr>
<tr>
<td>4096 x 2160 at 30 Hz 3840 x 2160 at 30 Hz</td>
<td>4:2:0</td>
<td>12 bit</td>
</tr>
</tbody>
</table>

Frame rate 24, 25, 30, 50, or 60 fps
Chroma sampling 4:4:4, 4:2:2, or 4:2:0
Color bit depth 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: Subject to the maximum data rate limit. Use our calculator at www.extron.com/4Kdatarate to determine video parameters supported by this data rate.

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

Output resolutions (pass-through mode)
- 640x480, 800x600, 1024x768, 1280x720, 1280x728, 1366x768, 1600x1200, 1920x1200, 3840x2160 (up to 60 Hz), 4096x2160 (up to 60 Hz), 480i, 480p, 576i, 576p, 720p, 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 female HDMI type A

Control/Remote — serial com port (RS-232)
- Quantity/type: 1 unidirectional RS-232
- Connector: 1 female HDMI type A

Ethernet control
- Network interface controllers (NICs): 2
  - 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: 16.7 watts
- Device and power supply: 20.1 watts
- Mounting: Metal, or Power over Ethernet Plus (PoE+ IEEE 802.3at)
- Power supply: External
- Connectors: External
- Device and power supply: External
- Mounting: External

Enclosure type: Metal

Enclosure dimensions: 1.0" H x 7.5" W x 8.0" D (1" high, half rack wide, 8" deep)
- (2.54 cm H x 19.05 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

Specifications are subject to change without notice.

For complete specifications, please go to www.extron.com