

WC Pro 160

WORKSPACE AUTOMATION CONTROLLER WITH EDID MINDER



The Extron **WC Pro 160** is a compact Ethernet-enabled workspace automation controller with EDID Minder designed for automated display control in workspaces of all sizes. Out of the box, simply connect an active signal to the CEC-enabled HDMI input, and the display turns on. An optional occupancy sensor can also be used to automatically power on the display when someone enters the space and turn it off when no motion is detected. If additional customization is needed, the built-in web pages allow for configuration of a single display via Ethernet, RS-232, or IR. The WC Pro 160 is housed in a compact metal enclosure designed to be neatly tucked away behind a display, on a projector, or under a table.

- ▶ **Out-of-box functionality that supports display control via CEC from an HDMI port**
- ▶ **Supports computer and video resolutions up to 4K/60 @ 4:4:4**
- ▶ **EDID Minder® automatically manages EDID communication between connected devices**
- ▶ **Built-in web pages allow for simple configurations and provides a choice of Ethernet, RS-232, or IR control of the display**
- ▶ **Supports LinkLicense**
 - LinkLicense for WC Pro Control Processor
 - LinkLicense for User Interfaces
- ▶ **HDMI audio de-embedding**

DESCRIPTION

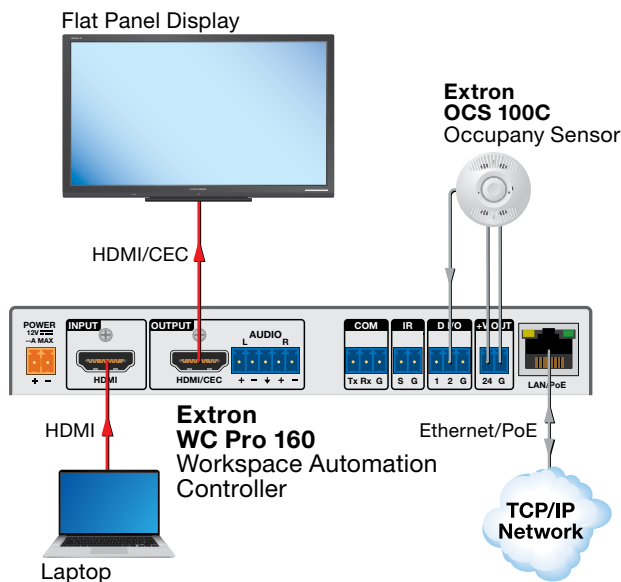
The **WC Pro 160** workspace automation controller is designed to easily integrate with an Extron OCS 100 occupancy sensor to provide automatic display control in meeting spaces. This compact automation controller can be mounted under a desk, on a projector or behind display for a discreet, elegant control solution. The WC Pro 160 features a PoE-enabled Ethernet port, one bidirectional RS-232 port, and one IR port that can also be used for display control. It is ideal for any collaboration space where occupancy-based automated display control is needed.

Adding a LinkLicense for WC Pro Control Processor and then configuring the automation controller with Global Configurator Plus or Professional allows control of multiple displays and devices. This also enables use of the full line of TouchLink Pro touchpanels and Network Button Panels.

KEY FEATURES

- ▶ Out-of-box functionality that supports display control via CEC from an HDMI port
- ▶ Supports computer and video resolutions up to 4K/60 @ 4:4:4
- ▶ EDID Minder® automatically manages EDID communication between connected devices
- ▶ Built-in web pages allow for simple configurations and provides a choice of Ethernet, RS-232, or IR control of the display
- ▶ Supports LinkLicense
- ▶ HDMI audio de-embedding

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
Frame rate ¹	24, 25, 30, 50, or 60 fps	
Chroma sampling ¹	4:4:4	
Color bit depth ¹	8 bits per color (24 bits total, RGB)	
Signal Type	HDMI 2.0, HDCP 2.0	
Max. video data rate	10.2 Gbps (3.4 Gbps per color)	

VIDEO		
HDMI input	1 female HDMI type A	
HDMI output	1 female HDMI type A	
SERIAL CONTROL		
Number/signal type	1 bidirectional RS-232	
IR CONTROL		
Number/signal type	1 programmable TTL level (0 to 5 V) infrared (carrier and nonn-carrier), up to 300 kHz	
DIGITAL INPUTS AND OUTPUTS		
Number/signal type	2 digital inputs/outputs (configurable)	
AUDIO OUTPUT		
Number/signal type	1 analog line level stereo, balanced or unbalanced (variable) 1 digital, embedded in HDMI (fixed)	
+V OUTPUT		
+24 V output port	(1) 3.5 mm captive screw connector, 2 pole	
ETHERNET CONTROL		
Network interface controllers (NICs)	1	
GENERAL		
Power supply (sold separately)	External Input: 100-240 VAC, 50-60 Hz Output: 12 VDC, 1.5 A, 18 watts	
Power input	Power over Ethernet (PoE) (complies with PoE 802.3af, class 3)	
Mounting	Rack mount: Yes, with optional 1U rack shelf Furniture mount: Yes, with included MBU 125 under-desk mounting kit	
Product warranty	3 years parts and labor	
Everlast power supply warranty	7 years parts and labor	
NOTE: All nominal levels are at ±10%.		
Model	Version Description	Part number
WC Pro 160	Automation Controller	60-1804-01
LinkLicense	WC Pro Control Processor Upgrade	79-2604-01

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

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