

HDBASET EXTENDER KIT

HDMI™ HDBaseT + USB-C® Data and Video over Cat Extender Wall Plate Transmitter to Box Receiver – 4K

The HDMI™ HDBaseT + USB-C® Data and Video over Cat Extender Wall Plate Transmitter to Box Receiver – 4K extends a 4K HDMI source, USB 2.0, and RS-232 control signals over a single Cat6a Ethernet cable. It supports distances of up to 230ft (70m) for 1080p output or 130ft (40m) for 4K60Hz HDMI and 4K30Hz USB output. This is an ideal solution where USB Video and data signals must be extended alongside HDMI video and audio to interactive whiteboards and displays in conference rooms, classrooms, lecture halls, and many other installation needs that are far beyond the length limitations of standard HDMI cabling.

This HDMI HDBaseT Extender is HDCP 2.2 compliant, ensuring a secure connection between the source and the display. The transmitter features both manual and automatic switching, utilizing a last-in-first-out rule. The USB-C port supports video signals compliant with DP Alt-Mode standards (v1.2a) and USB 2.0 data transmission. With PoC (Power over Cable) support, the receiver powers the wall plate transmitter, eliminating the need for an additional power adapter and offering greater installation flexibility. Firmware upgrades are easily performed via the Service port on the front panel of the wall plate transmitter and the RS232 port on the rear panel of the receiver.



C2G31029

ITEM	DESCRIPTION
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FEATURES

- Supports distances of up to 230 ft (70 m) for 1080p output or up to 130 ft (40 m) for 4K60Hz HDMI and 4K30Hz USB output.
- Wall plate transmitter with an HDMI input for video and a USB-C input for video and data transmission.
- HDCP 2.2 compliance ensures secure connections between source and display.
- Transmitter supports both manual and automatic switching based on the last-in-first-out rule.
- USB-C port supports 4K 30Hz video transmission via DP Alt Mode (v1.2a) and USB 2.0 data transfer.
- Receiver includes two USB-A ports with up to 5V/1.4A output, accommodating high-bandwidth devices like cameras.
- Supports RS-232 pass-through for control signal transmission.
- Supports HDR, HDR10+, Dolby Vision LLM and HLG pass-through.
- Enables bi-directional 18V Power over Cable (PoC) from either end.



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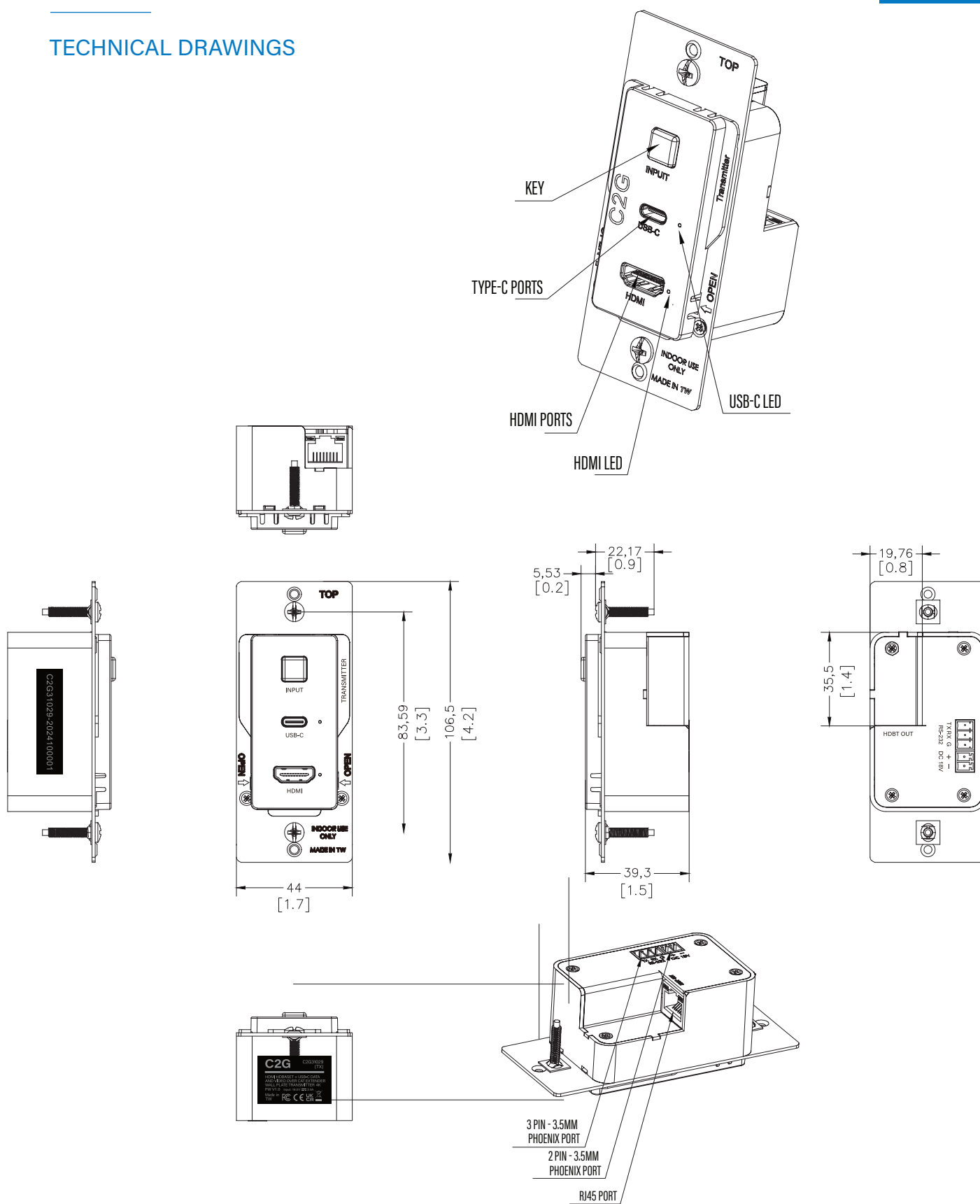
Specifications

		C2G31029
PHYSICAL SPECIFICATIONS	Range/Distance	Cat6a cable: Up to 230ft (70m)
PHYSICAL CHARACTERISTICS	Dimensions (HxWxD)	Transmitter: 4.2 x 1.7 x 1.5 in (106.5 x 44 x 39.3mm)
		Receiver: 0.91 x 5.43 x 2.95 in (23 x 138 x 75mm)
	Housing Material	Transmitter: Plastic
		Receiver: Metal
	Color	Transmitter: White
		Receiver: Black
	Weight	Transmitter: 0.31 lbs
		Receiver: 0.69 lbs
	Regulatory Approvals	CE marked; Conforms to 2011/65/EU ROHS 2
PORTS	Transmitter	1x USB-C 24PIN
		1x USB-C 16PIN
		1x HDMI
		1x RJ45
		1x 3PIN-3.5mm Phoenix
		1x 2PIN-3.5mm Phoenix
		Chipset: GSV2712+VS210TX
	Receiver	1x HDMI
		2x USB-A
		1x RJ45
		1x 3.5mm
		1x 3PIN-3.5mm Phoenix
		DC Power Supply
		Chipset: VS210RX+GSV2001
POWER	Power Supply	Input: AC 100~240V 50/60Hz, 50-60Hz, 1.5 A
		Output: DC 18V/2.5A
	Cable Length	1500 +- 50 mm
ENVIRONMENTAL	Power Consumption	PoC Power Supply: 13.2W (max)
	Operating Temperature	0°C to 40°C (32°F to 104°F)
	Storage Temperature	-20°C to 60°C (-4°F to 140°F)



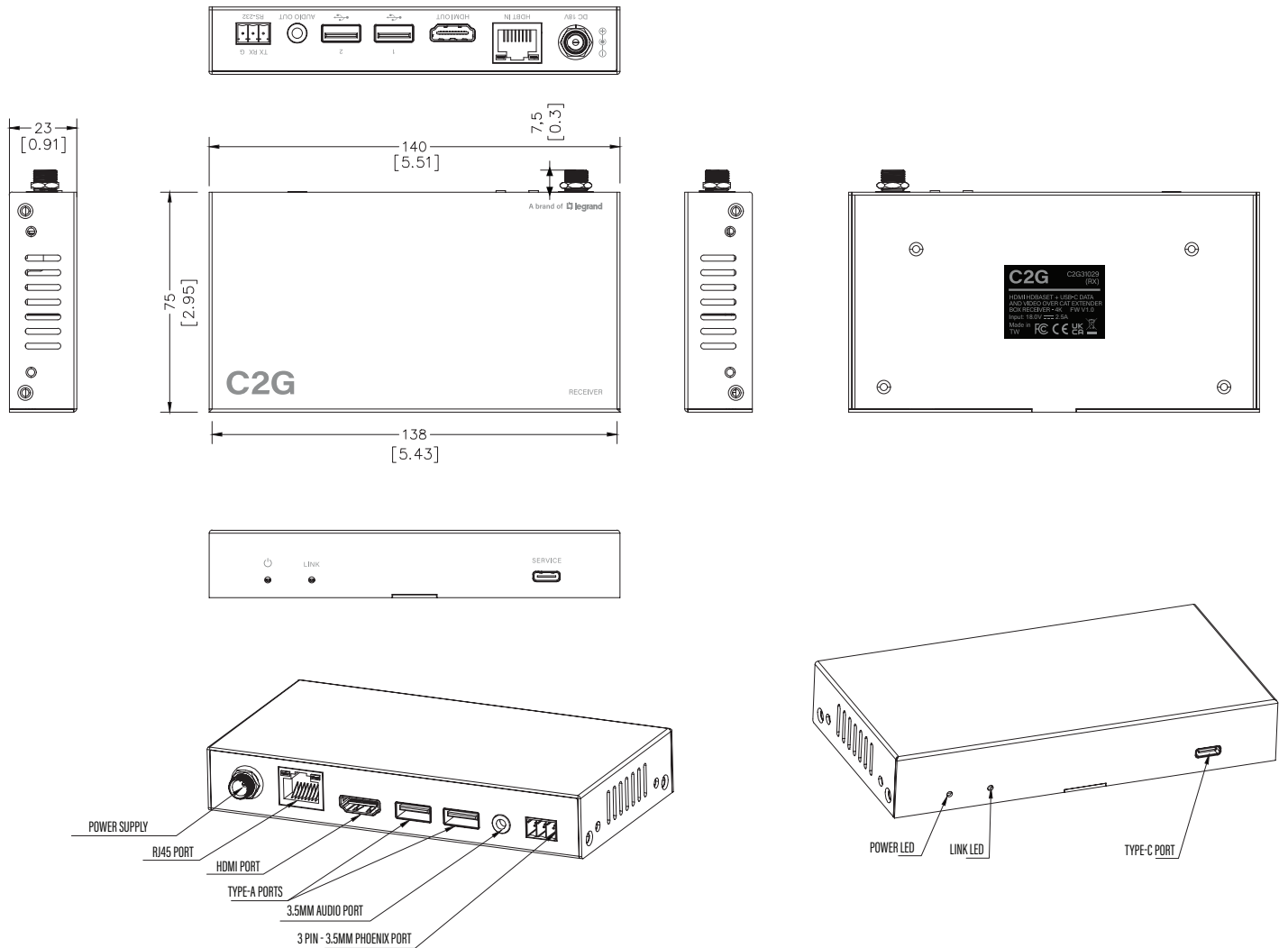
HDBASET EXTENDER KIT

TECHNICAL DRAWINGS



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LEGRAND | AV COMMERCIAL BRANDS

C2G | Chief | Da-Lite | Luxul | Middle Atlantic | Vaddio | Wiremold

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