

HDMI® AND USB-C® VIDEO AND CHARGING OVER CAT EXTENDER WALL PLATE TRANSMITTER TO BOX RECEIVER

Upgrade your AV infrastructure with a sleek, singlegang wallplate transmitter paired with a compact receiver engineered for professional installations that demand performance, simplicity, and long distance signal integrity.

Designed for conference rooms, classrooms, collaboration spaces, and digital signage, this solution delivers robust 4K signal extension over a single Cat6 cable while offering flexible connectivity and intuitive switching.



C2G30005

FEATURES

- Transmits/Extends:
 - 4K 60Hz up to 75ft (23m)
 - 4K 30Hz up to 135ft (41m)
- Fully HDCP 2.2 compliant, ensuring secure, reliable content delivery between source and display

Item	Description
C2G30005	HDMI® and USB-C® Video and Charging over Cat Extender Wall Plate Transmitter to Box Receiver

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INCLUDES

Wallplate transmitter includes:

- 1 - HDMI® input
- 1 - USB-C® video input (DP Altmode video supported)
- 1 - USB-C® charging port for powering laptops via external chargers
- Supports manual or automatic source switching, using a lastin, firstout logic

Receiver with Advanced Output Options

- 1 - HDMI® output for display or distribution devices
- 1 - 3.5mm audio deembedding output to feed amplifiers or DSPs

HDMI® output supports:

- 4K, 1080p downscaling (no framerate conversion)
- HDR, HDR10, Dolby Vision, LLM, and HLG passthrough for premium image quality

Simplified Power & Installation

- Supports 24V Power over Cable (PoC) power the entire system from the receiver end for cleaner installs and fewer cables in the wall.



Transmitter



Receiver

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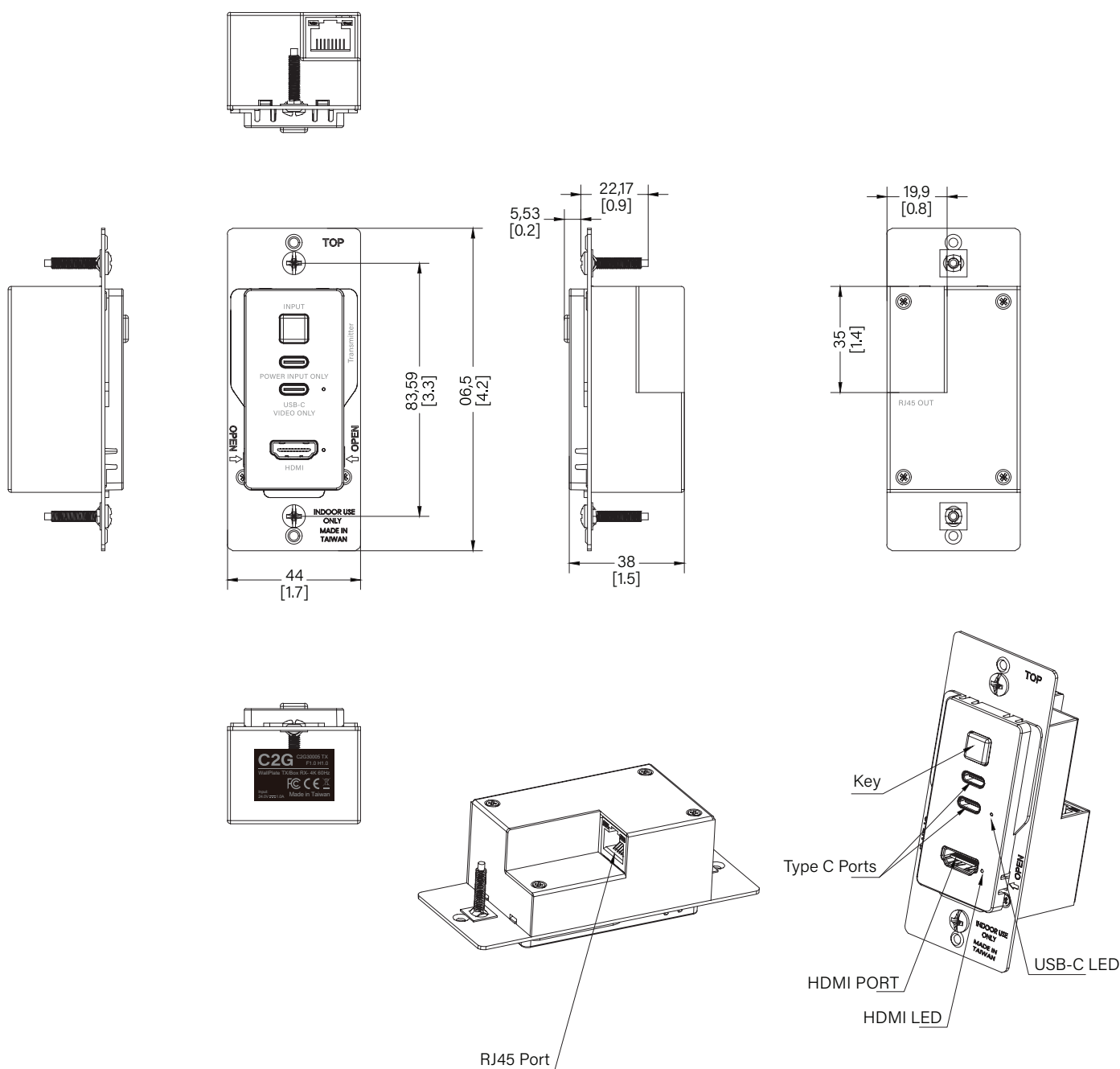
SPECIFICATIONS

		C2G30005
PHYSICAL SPECIFICATIONS	USB Protocol	DP Alt Mode
	Transmission Rate	5 Gbps
	Range/Distance	75ft 4K 60Hz
		135ft 4K 30Hz
	Dimensions (HxWxD)	Transmitter: 1.7 x 1.5 x 4.2 in (44 x 38 x 106.5 mm)
		Receiver: 3.5 x 2.4 x .7 in (88 x 61 x 18 mm)
PHYSICAL CHARACTERISTICS	Housing Material	Metal
	Color	Black
	Regulatory Approvals	CE Marked
	Transmitter Input	1 x USB-C Power Input
		1 x USB-C Video Only Input
		1 x HDMI Input
		1 x DC 24V / 1A Power Input Port
	Transmitter Output	1 x RJ45
	Receiver Input	1 x RJ45
	Receiver Output	1 x HDMI Output
		1 x 3.5mm Audio Output
		1 x USB-C Service Port
	USB-C Port	USB-C
POWER SPECIFICATIONS	Power	Optional external power input up to 100w (20v 5a)
	Power Supply	Input: AC 100–240V 50/60Hz, 0.6A
ENVIRONMENTAL SPECIFICATIONS	Operating Temperature	0°C to 40°C (32°F to 104°F)
	Storage Temperature	-20°C to 60°C (-4°F to 140°F)
	Relative Humidity	10% to 90% Relative Humidity

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TECHNICAL DRAWING

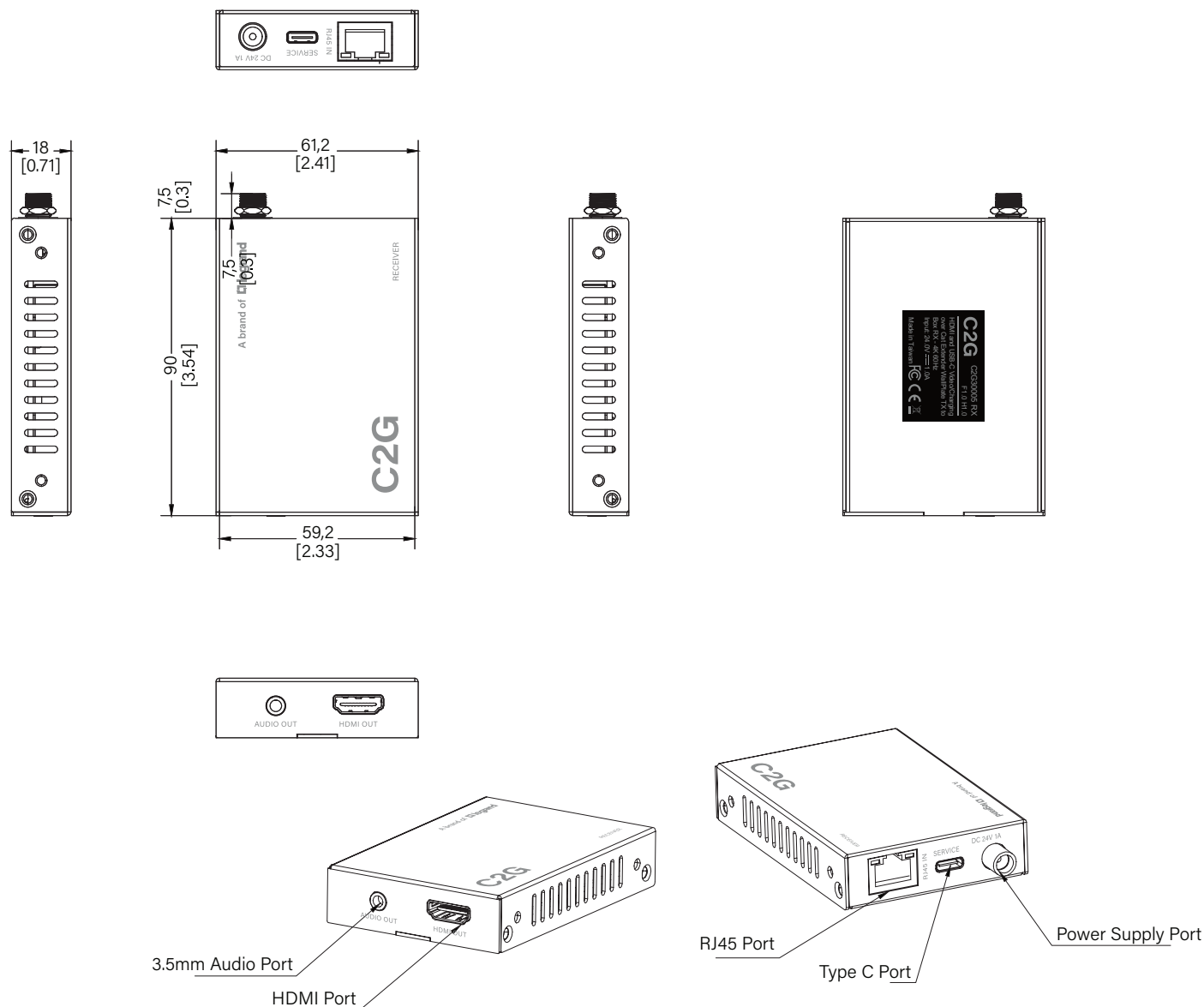
Transmitter



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TECHNICAL DRAWING

Receiver



C2G | CHIEF | CONNECTRAC | DA-LITE | LUXUL | MIDDLE ATLANTIC | ON-Q | SANUS | VADDIO | WIREMOLD