



cGate



Product description:

cmotion cGate is an award-winning miniature signal converter that bridges LBUS over IP for application in film, TV and live broadcast.

By passing real-time lens and camera control over any existing IP infrastructure, cGate allows integration of cmotion/ARRI controllers and lens motors in studios, stadiums and within challenging RF environments during live events, on film sets or when shooting underwater.

In addition, cGate provides access to advanced camera control over Ethernet-enabled cameras. Through cmotion's RCCP (Remote Cine Control Protocol), development partners can access the LBUS eco-system including lens, camera and Cinefade Vari360 control for their own implementation into motion control, virtual production workflows and others.

Offering both, plug-and-play automatic pairing and advanced manual IP configuration, cGate can be implemented in any complex network in film, TV or cinematic live broadcast with minimal network knowledge.

Connectors	LBUS	2
	Ethernet	2 1 Gbit/sec. transparent ports
	USB-C	1 (USB-C OTG 480Mb)
User Interface	Display	1,54 inch, 240x240 TFT
	Buttons	6
	Status LEDs	2 brightness adjustable LED bars
Cables	LBUS	all LBUS cables
	Ethernet	CGI cables (Le m10p - RJ45)
	Power over Ethernet (PoE)	CPI cable (Le m10p - RJ45 socket)
	LBUS power from PoE	11V / 1A (out) for LBUS controller / cPRO camin / RIA-1
	Power from USB-C	for USB devices only 5V / 500mA (out)
Data Transfer		Upto 1 Gbit/sec.
Internal Memory		4GB
Extended Camera Control		Sony Venice / Venice 2, Blackmagic URSA / PIXYS / Studio / Micro
Lens Control Compatibility		cmotion & ARRI lens control systems
3rd party integration	Remote Cine Control Protocol (RCCP)	allows control of cforce motors, metadata exchange and more (Contact sales@cmotion.eu)
Mounting options	Mini Nato Rail	cGate / cPRO camin bracket
Power Input Range	LBUS	4,5 - 34V DC
	Ethernet (Pin 9 / 10)	4,5 - 34V DC
	USB-C	4.75 - 5.25V DC
Power Consumption	without USB-C device connected	Max. 4W
Operating Temperature		-20° C to +50° C / -4° F to +122° F
Dimensions	length	55 mm (2.17 inches)
	width	40 mm (1.57 inches)
	height	25 mm (0,98 inches)
	weight	91 g (0,20 lbs)

