SONY

CBK-RPU7

HEVC 4K/HD remote production unit



Overview

Enhance Your Live Production With HEVC 4K/HD Remote Production

Acting as a portable 5G* video transmission device attached to a camera, the CBK-RPU7 achieves wireless and remote production which enables flexible and robust content creation. Leverage high-speed connectivity (such as 5G*) through Networked Live, Sony's ecosystem of solutions, products, services, and partners, helping you take full advantage of your resources in high quality mission critical live production.
*For details of 5G usage, please kindly consult local sales company. 5G device（e.g. 5G mobile device) are needed for 5G transmission.

Learn more about Networked Live >(https://pro.sony/en_GB/live-production/networked-live)

Features

Operate Efficiently with 5G* Connectivity
With 5G* becoming more wide spread across the world, the ability to transmit larger volumes of data with low latency and stability is becoming easier. Using available bandwidth in the most efficient manner is critical to high quality live production. In conjunction with 5G* connectivity, the CBK-RPU7 enables a streamlined workflow for connecting remote teams to studios and live production enviroments by using NXL-ME80 as a receiver.
*For details of 5G usage, please kindly consult local sales company. 5G devices (e.g. A 5G mobile device) are needed for 5G transmission.

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Experience Best-in-class Picture Quality & Latency Performance
Using Sony's developed codec chip, the compromise between live streaming quality and latency becomes a thing of the past. This enables wireless cameras to have similar performance to wired cameras. With increased deployment flexibility, combining the CBK-RPU7 with latest Sony cameras allows the highest quality productions to be created regardless of location.

The CBK-RPU7 supports a wide range of formats, from HD to 4K 60p/50p 10-bit HDR transmission, which enables pairing with various cameras for the highest tier of live production. In addition to supporting sports production, it also accommodates DCI 4K, 24p. This makes it suitable for cinema and virtual production remote monitoring.

Streamline Your Remote Live Operation
The CBK-RPU7 not only supports the latest HEVC encoding innovations, but also offers a range of feature sets that ensure reliable operation to operators in remote locations. Bi-directional connectivity will enable features including tally, return video, and data transmission for remote camera control*

* Return / Tally / Remote control will be future supported

Specifications

General specifications	
Weight	Approx. 850 g (1 lb 14.0 oz) (unit only)
Dimensions (W x H x D)	Approx. 105 mm × 135 mm × 75 mm (4 1/4 in × 5 3/8 in × 3 in) (excluding protrusions)
Power requirements	DC 11 V to 17 V
Power consumption	Nominal power consumption: Approx. 25 W (when streaming 3840 × 2160 / 59.94p) Maximum power consumption: Approx. 60 W (when streaming 3840 × 2160 / 59.94p, USB 1.5A x 3)
Operating temperature	0 °C to 40 °C (32 °F to 104 °F)
Storage temperature	–20 °C to +60 °C (–4 °F to +140 °F)
Continuous operating time	Approx. 3 hours 30 minutes (when using BP-GL95B)

Input/Output	
SDI*1	SDI 1, SDI 4 BNC type, 12G / 6G / 3G (Level-A) /1.5G IN/OUT SDI 2, SDI 3 BNC type, 3G (Level-A) / 1.5G IN / OUT

Display	
Display	1.3-inch OLED, 128 x 128 pixels

Other function	
Ethernet	RJ-45 type, with LED (x1)
Remote *2	8-pin
USB	USB 3.0 type A 1.5 A (x3)
DC IN	XLR type, 4-pin, male

Supplied accessorries	
Supplied accessorries	Rod bracket (1) Camera mount bracket (1) Shoulder case (1) Cable strap (1) Before Using This Unit (1) Warranty (1) Hex screws (4)

Notes	
*1	SDI Output is not supported at software version 1.0
*2	Remote control fuction is not supported at software version 1.0

Related products



AC-DN10A

AC Adapter/Charger



BP-GL95B

Lithium-ion battery pack 98 Wh capacity



NXL-ME80

LAN/WAN Media Edge Processor



PXW-Z280

World's first 4K Handheld Camcorder with 1/2-type 3CMOS with 4K 50p/60p recording capability, 12G-SDI, Dual Link Cellular capability, 17x zoom lens, advanced Face Detection AF



RCP-3100

Joystick type of remote control panel for HDC/HSC/HXC series cameras.
5 units in 19-inch EIA rack.



RCP-3500

Remote-control panel for HDC/HSC/HXC series cameras



RCP-3501

Remote-control panel for HDC/HSC/HXC series cameras



RCP-1500

Joystick type of Remote Control Panel for HDC/HSC/HXC series cameras. 4 units in 19-inch EIA rack.



RCP-1501

Dial type of Remote Control Panel for HDC/HSC/HXC series cameras. 4 units in 19-inch EIA rack.



RCP-1530

Joystick type of Remote control panel for HDC/HSC/HXC series cameras. 5 units in 19-inch EIA rack.

Gallery















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