

CBK-WA100

Wireless adapter for Camcorders and Decks
 [Mobile network 3G / 4G / LTE /Wireless LAN]



Overview

Enables easy transmission of content over a wireless network significantly accelerating the ENG workflow

The CBK-WA100 adapter connects directly to a camera and allows XAVC proxy files to be created and then saved on an SD card in the adapter. The CBK-WA100 is then able to upload the proxy content and the original high-resolution content or perform QoS Live Streaming (depending on the model) via 3G/4G/LTE/wireless LAN* to a broadcast station, on-premises server or to a cloud environment such as XDCAM air.

Compatibility information

CBK-WA100 is compatible with any camcorder/device with HD-SDI output and 12V DC (Hirose 4-pin output). Recommended usage is for below products (please note decks require addition of USB interface).

PMW-50, PMW-RX50, PMW-100, PMW-150, PMW-200, PMW-300, PMW-400, PMW-500.
 PDW-850, PXW-FS7, PXW-FS7M2.

Live streaming is dependent on product and firmware version. Please refer to individual product pages for more information.

Tablet or smartphone control via wireless LAN

By supporting wireless LAN connectivity, the CBK-WA100 allows tablets or smartphones to interact with it and control it via Sony’s Content Browser Mobile application. This connectivity for XDCAM camcorders allows users on their mobile device to remotely control the camera and review content without having to connect a monitor to the camcorder.

* For wireless transmission, wireless LAN/3G/4G/LTE dongles are necessary. For wireless LAN dongle, Sony’s “IFU-WLM3”, 2.4GHz wireless LAN dongle or CBK-WA02 (2.4GHz & 5GHz) are available. As for the Cellular Modem dongle, recommended model differs country by country depending on carrier.

Specifications

General Specifications

Weight	Approx. 220 g
Dimensions (W x H x D)	84 x 95 x 30 mm without projection
Power Requirements	DC 12 V

Power Consumption	4.5W (exclusive of external USB devices)
Operating Temperature	0 to +40 °C +32 to +104 °F
Proxy Format (Video)	XAVC Proxy (AVC/H.264 Main Profile, 4:2:0 Long GOP) - 1920x1080 9M (VBR) / 6M (VBR) - 1280x720, 9M (VBR) - 640x360, 3M (VBR) - 480x270, 1M (VBR) / 0.5M (VBR)
Proxy Format (Audio)	AAC-LC, 2ch,128kbps for Stereo
DC Input	4-pin (male)
HD-SDI Input	BNC (x1)
USB	USB device mini B Type (x1), for Camcorder host A Type (x2), for Wireless LAN USB Device and 3G/4G/LTE modem
Recording Media (*1)	SD Card Slot (x1)
Supplied Accessories	Bracket (2) Cushion (1) Guard Bracket (1) Pad (2) DC Power Cable (1) BNC Cable (1) USB Cable (1) Screw (5) CD-ROM (incl. Operation Manual) (1) Installation Manual (1) Before Using This Unit (1) (*3) Warranty (1) Cable Tube (1) (*4) Cord Clamp (5) (*4) Hook and loop fastener (2) (*4)
(*1)	SDXC memory card (Speed Class: 4 or higher) SDHC memory card (Speed Class: 4 or higher)
(*3)	Three sheets of paper.
(*4)	Fixation Parts, use if needed.

Items not supplied in the package of Wireless Adapter

USB dongle (*2)	If you use wireless connection, you need a Wireless LAN USB Device (IEEE 802.11b/g/n compliant) or a 3G/4G/LTE Modem. Sony Product Wireless LAN USB Device IFU-WLM3 (2.4GHz) or CBK-WA02 (2.4GHz and 5GHz) are recommended.
Smartphone or Tablet	To view a streaming content, a terminal (a Smartphone or a Tablet) and an application software (Content Browser Mobile) are

software (CONTENT BROWSER MOBILE) are required.

Application Software (Content Browser Mobile)	Application Software to use with Smartphone or Tablet.
SD media	Need a media compatible with (*1)
Others	Other than the mentioned above, need a system to connect to an On-Premises Server or a Sony's recommended Cloud Service if transferring the file.
(*2)	Need a contract to a carrier in order to use via Wireless LAN/3G/4G/LTE. The availability of USB Dongles vary across countries/areas. A Wireless LAN USB Device and a 3G/4G/LTE Modem cannot be used simultaneously for File Transfer function.

Related products



CBK-WA02
5 GHz/2.4GHz Wireless LAN Adapter



IFU-WLM3
USB wireless LAN module



PWS-110RX1
Network RX Station for XDCAM cam corders live streaming over 4G/LTE and Wi-Fi



PWS-110RX1A
Network RX Station



CBK-DL1
USB Expansion Adapter for Shoulder and Handheld Cam corders

Gallery

