# SONY

# CBK-WA100

Mobile network 3G / 4G / LTE / Wireless LAN adapter

## 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 (depending on the model) via 3G/4G/LTE/wireless LAN* to a broadcast station, on-premises server or to a cloud environment.

Compatibility information

PDW-850, PMW-500/400/300/200/160/150/50 (with HD-SDI connection and USB connection)
PMW-320, PDW-F800/700/680 (with HD-SDI connection)

New Information : Live Streaming

The Wireless Adapter CBK-WA100 will have streaming capability enabled with a future firmware version upgrade. Details to be disclosed at IBC2014.

● **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 is available. As for the Modem dongle, recommended model differs country by country depending on carrier.

# SONY

## Technical 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 ℃<br>+32 to +104 °F | |
| ● Proxy Format (Video) | XAVC Proxy (AVC/H.264 Main Profile, 4:2:0 Long GOP)<br>- 1280x720, 9M (VBR)<br>- 640x360, 3M (VBR)<br>- 480x270, 1M (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)<br>Cushion (1)<br>Guard Bracket (1)<br>Pad (2)<br>DC Power Cable (1)<br>BNC Cable (1)<br>USB Cable (1)<br>Screw (5)<br>CD-ROM (incl. Operation Manual) (1)<br>Installation Manual (1)<br>Before Using This Unit (1) (*3)<br>Warranty (1)<br>Cable Tube (1) (*4)<br>Cord Clamp (5) (*4)<br>Hook and loop fastener (2) (*4) | |
| ● (*1) | Support SDHC Class4 and higher (SDXC should not be used, i.e. the maximum capacity is 32GB.) | |
| ● (*3) | (3 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.<br>Sony Product Wireless LAN USB Device IFU-WLM3 is recommended. | |
| ● Smartphone or Tablet | To view a streaming content, a terminal (a Smartphone or a Tablet) and an application software (Content Browser Mobile) are required. | |
| ● Application Software (Content Browser Mobile) | Applicaation 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 over WAN. | |

- (*2)   Need a contract to a carrier in order to transfer files via Wireless LAN/3G/4G/LTE. The availability of a Wireless LAN USB Device vary across countries/areas. A Wireless LAN USB Device and a 3G/4G/LTE Modem cannot be used simultaneously for File Transfer function.

## Accessories

### Option Boards, Modules and Plug-ins

**CBK-WA02**

5GHz/2.4GHz Wireless LAN Adapter

### Other Accessories

**IFU-WLM3**

USB wireless LAN module