Wireless File Transmitter
WFT-E9B

CREATIVITY CONNECTED

Add high-performance 5GHz 802.11ac Wi-Fi to your EOS-1D X Mark III or EOS C500 Mark II camera for enhanced, secure Wi-Fi.

- More reliable connections

- Creative shooting from remarkable angles

- Edit, retouch and send from location

- Broadcast live to the world

- Stay secure

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TECHNICAL SPECIFICATIONS

Wireless File Transmitter WFT-E9B

TYPE	
Type	WFT-E9B
Compatible cameras	Wireless LAN accessory
	EOS-1D X Mark III, Cinema EOS C500 Mark II
COMMUNICATION	
FTP Mode	FTP (File Transfer Protocol)
	SFTP (Secure File Transfer Protocol)
	FTPS (File Transfer Protocol over SSL/TLS)
EOS Utility	EOS Utility-based control of cameras over a network
Browser Remote*	Browser-based remote capture and downloading of images over a network
Linked shooting	Wirelessly trigger shooting by slave cameras linked to a master camera
Time sync between cameras	Synchronizing the time of up to 10 cameras
WIRELESS LAN	
Standards compliance	IEEE 802.11ac 2x2 MIMO
	IEEE 802.11ac
	IEEE 802.11a
	IEEE 802.11g
	IEEE 802.11b
	IEEE 802.11n
Modulation	OFDM modulation (IEEE 802.11ac, n, a, g)
	DS-SS modulation (IEEE 802.11b)
Transmission range	Approx. 150 m / 492 ft.
	With no obstructions between the transmitting and receiving antennas and no radio interference
(central frequency)	2412 - 2472 MHz 1 - 13 ch
	5180 - 5700 MHz 36 - 140 ch
Wi-Fi Protected Setup	(1) Push button method
	(2) PIN code method
Connection method	Infrastructure, Camera access point mode
Link speed (max.)	IEEE 802.11ac 2x2 MIMO: 867 Mbps
	IEEE 802.11ac: 433 Mbps
	IEEE 802.11n: 150 Mbps
	IEEE 802.11a: 54 Mbps
	IEEE 802.11g: 54 Mbps
	IEEE 802.11b: 11 Mbps
Signal strength display	Indicated on a scale of one to four on the rear LCD panel of cameras, with an antenna icon
Link speed display	Indicated on the camera LCD monitor
Connection restrictions for security	Supports SSID and MAC address filtering
Receiver	Wireless LAN access point or adapter compatible with IEEE802.11ac, IEEE802.11n, IEEE 802.11a, IEEE 802.11g, IEEE 802.11b
FTP TRANSFER	
Image transfer	① Automatic transfer
	② Image sel./transfer
	*Select images for transfer after shooting
	*Supports transfer by selecting folders
	*Supports batch transfer of all images on a card
	③ Transfer with SET
	*Transfer of the currently displayed image using the SET button
	④ Transfer with caption
	* In EOS Utility, users can create and save up to 15 different captions of 31 characters each
	*A selected caption can be added to the last captured image before manual transfer
	*Captions added to images can be checked by examining the Exif information, in the user comments.
Transfer type/size	If 2 images are recorded simultaneously, the sizes and types of images to transfer can be set from the following.
	• JPEG size to trans.: Larger JPEG / Smaller JPEG
	• RAW+JPEG transfer: JPEG only / RAW only / RAW+JPEG
	• RAW+HEIF transfer: HEIF only / RAW only / RAW+HEIF
	• XF-AVC files C500 Mark II only

FTP mode	FTP (File Transfer Protocol)
	SFTP (Secure File Transfer Protocol)
	FTPS (File Transfer Protocol over SSL/TLS)
Root Certificate Settings	Load root certificate from a card
	View root certificate details
	(issue by, issuing to and expiry date)
	Deletion root certificate
	Conditions for root cerification to install
	File format: Base 64 encode X509 (.CER)
	* File size: 10 KB or less
	* File name: ROOT.CER / ROOT.CRT / ROOT.PEM (either in upper case or lower case characters)
	* Camera body date and time are within valid ranges
Image transfer status	During image transfer:
	* The <LAN> lamp of the camera blinks
	* Transferring file number] and [No. of files waiting for transfer] can be checked using camera menu operation
	After shooting or image transfer:
	* Status (not yet transferred /transfer failed/ transferred) of each image can be checked using camera menu operation.
Automatic retransfer of images that failed to be transferred	Supported
Voice memo operation during image transfer	Supported
	voice memos cannot be added to images while they are being transferred
Checking and editing caption information	Supported (up to 31 ASCII characters)
Port number	FTP / FTPS : 00021 (can be changed)
	SFTP : 00022 (can be changed)
IP address	IPv4 support
	IPv6 support
Power-saving functions	Supported
EOS UTILITY	
Pairing feature	The pairing feature of EOS Utility automatically detects and enables connection EOS-1D X Mark III on a network
Compatible software	EOS Utility v3
	*All features available when connected via USB are also available, except firmware update
BROWSER REMOTE	
PLAYBACK	
Display format	• Browser screen (thumbnails)
	• Playback screen (single image display + thumbnails)
	* The playback screen supports still photos, movies, and voice memos.
	* To acquire images, select by the following methods and download the original images to a PC.
	(1) Select 1 image at a time
	(2) Select all images
Display images	Still photos
	• JPEG
	• RAW (Thumbnail JPEG images)
	• HIEF (HDR)
	Movies
	• MP4
	Voice memo
Auto update of browsed imags	supported
Image browsing button	supported
Folder selection	The target folder for browsing can be changed
In and Out points	Mark in and out video points – C500 Mark II only

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TECHNICAL SPECIFICATIONS

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SHOOTING

Still photo shooting	Supported • Viewfinder shooting • Live View shooting
Movie recording	Supported • Live View display: Yes
Camera operation lock	Supported
AF operation	Supported * Only in Live View
Manual focus operation	Focus movement distance: 3 levels each for near and far * Only in Live View
Live View image magnified view	Not supported
Camera operation lock	Supported
IPTC information	• Loading from the camera • Loading from files • Edit • Registering to the camera • Deleting data from the camera

FTP SETTINGS

FTP settings	Supported • Acquisition from the camera • Edit • Registering to the camera
FTP captions	

CONNECTED DEVICE

Computer	Supported
Tablet device	Supported
Smartpone	Supported
No. of simultaneously connectable devices	Up to 3 * Only 1 device can be connected with each WFT account

REMOTE BROWSER ACCOUNT

Full control	Able to use all functions * Login name and password can be set
Browser 1	Only able to browse and download images
Browser 2	* Login name and password can be set
Supported languages	10 languages: English, German, French, Italian, Spanish, Russian, Turkish, Simplified Chinese, Korean, and Japanese
Port number	• HTTP: 00080 (can be changed) • HTTPS: 00443 (can be changed)
IP address	• IPv4 support • IPv6 support

LINKED SHOOTING

Slave cameras	Max. 10 EOS-1D X Mark III with WFT-E9B
Transmission range	Approx. 100 m / 328 ft. from the master camera (when signal strength is favorable).
WIRELESS Time sync	Master camera (WFT-E9B + EOS-1D X Mark III) time is set for upto 10 EOS-1D X Mark III connected by the wireless LAN, or wired LAN Setting margin of error with master camera: Maximum approx. ±0.05sec.

LAN SETTINGS

Settings	20 types of settings can be set and registered regarding image transfer, and the wireless and wired network, as well as the FTP server and Browser remote connections. 10 settings can be saved to a memory card. 25 communications and function settings can be saved individually
Configuration methods	Using connection wizard via menu functions on the camera or WFT utility functions supplied with EOS utility
Error messages	An error number and corresponding message is displayed on the camera LCD monitor

BLUETOOTH

Bluetooth specifications	N/A Built-in the camera

INTERFACE

Camera connection	System extension terminal v2

POWER SUPPLY

Power supply	Powered by the camera
Power switch	None
Power-saving features	Supported * Set in the camera menu

PHYSICAL SPECIFICATIONS

Body Materials	Magnesium alloy and polycarbonate resin
Color	Black
Dimensions (W x H x D) in mm	Approx. 50 x 64.5 x 33.5
Weight (Body only)	Approx. 45g
Operating Environment	0 to +45 °C, 85% or less humidity

RELATED PRODUCTS

Accessories	Storage case, Port cover

All data is based on Canon standard testing methods except where indicated. Subject to change without notice.

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Sales Start Date: End Feburary 2020

PRODUCT DETAILS:

Product Name	Mercury Code	EAN Code
Wireless File Transmitter WFT-E9B	3830C003AA	4549292148022

MEASUREMENT / LOGISTIC INFORMATION:

Product Name	Mercury Code	Pack type	Pack description	Quantity per pack	Length (cm)	Width (cm)	Height (cm)	Gross Weight (kg)
Wireless File Transmitter WFT-E9B	3830C003AA	EA	Each	1	6.6	3.4	12.7	0.097
		CT	Carton	12	21.6	14.1	14.1	1.27
		EP	Euro Pallet	2400	120	80	125.8	269
			Layers per Pallet	8				
			Cartons per Layer	25				
			Products per layer	200				

What's in the box?

• Wireless File Transmitter WFT-E9B
• Connector Cover
• Case
• Printed Matter Unit
• Packaging Unit

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