

TYPE		
	Type	Image transfer accessory compatible with IEEE 802.11a, IEEE 802.11b, IEEE 802.11g wireless LAN and Ethernet (wired LAN) (IPsec-compatible). Can be connected via USB to external media, GPS devices and Bluetooth units
	Compatible cameras	EOS 5D II (require firmware update)
COMMUNICATION		
	FTP Transfer EOS Utility WFT Server	Transfer images over a network to FTP servers EOS Utility-based control of cameras over a network Browser-based remote capture and downloading of images over a network
	Linked shooting	Wirelessly trigger shooting by slave cameras linked to a master camera
FTP TRANSFER		
	Compatible operating systems	Windows 2000, Windows XP Professional, Windows Vista (Business, Enterprise or Ultimate Edition for 32- or 64-bit systems) Mac OS X 10.4, 10.5 *The operating system must enable the computer to be set up as an FTP server in advance
	Image transfer	<ul style="list-style-type: none"> <li>① Automatic transfer</li> <li>② Image sel./transfer</li> </ul> *Selection of desired images for transfer after shooting *Supports transfer by selecting folders *Supports batch transfer of all images on a card <ul style="list-style-type: none"> <li>③ Transfer with SET</li> </ul> *Transfer of the currently displayed image using the SET button <ul style="list-style-type: none"> <li>④ Transfer with caption</li> </ul> * 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
	Image transfer for media-specific recording	The size and type of images to transfer automatically can be specified when using media-specific recording or when recording simultaneously in RAW and JPEG format <ul style="list-style-type: none"> <li>① Size of JPEGs to transfer: [Larger JPEG] or [Smaller JPEG]</li> <li>② Size of RAW images to transfer: [Larger RAW] or [Smaller RAW]</li> <li>③ RAW+JPEG images to transfer: [JPEG only], [RAW only] or [RAW+JPEG]</li> </ul>
	Checking image transfer status	During image transfer: The <LAN> lamp blinks to indicate that image transfer is in progress Selecting the [WFT settings] menu item displays the following information on the camera LCD monitor: connection method, link speed, file number of the image being transferred, and number of images remaining to transfer After shooting or image transfer: Selecting [Sel.Image] in the [Image sel./transfer] menu displays an icon near the upper-left corner of the image that indicates the image status: not selected, pending transfer, transfer failed or transfer complete
EOS UTILITY		
	Compatible operating systems	Windows XP Home Edition or Professional (both with Service Pack 2), Windows Vista (all editions except Starter Edition; 32- or 64-bit) or Mac OS X 10.4, 10.5
	Pairing feature	WFT Pairing Software is used to detect 5D Mark II and WFT-E4 II cameras on the network and connect automatically
	Compatible software	EOS Utility *All features available when connected via USB are also available
WFT SERVER		
	Compatible operating systems	Any device with a browser can be used, regardless of operating system
	Remote capture	(1) Camera control * Detailed settings can be configured for Live View shooting, focusing and shooting functions, etc

	Image viewing and downloading	(2) Simple control * Only Live View shooting and focusing are supported (3) Capture only * Only release is possible (from browsers that do not support JavaScript) Thumbnails of images recorded on memory cards in the camera can be viewed. Images can be downloaded to the computer one by one
	Simultaneous access	One camera can be accessed by users at up to three computers at once
	Port number	Can be changed
	Supported languages	English, German, French, Italian, Spanish, Russian, Simplified Chinese and Japanese
<b>LINKED SHOOTING</b>		
	Slave cameras	Max. 10 *These combinations of equipment are intercompatible: 1D Mark IV and WFT-E2 II, 5D MarkII (requires firmware update) and WFT-E4 II, and 7D and WFT-E5.
	Transmission range	Approx. 100 m / 328 ft. from the master camera (when signal strength is favorable)
<b>WIRELESS LAN</b>		
	Standards compliance	IEEE 802.11a (WFT-2 II A/B/C) and ARIB STD-T71 IEEE 802.11b, ARIB STD-T66 IEEE 802.11g, ARIB STD-T66
	Transmission method	OFDM modulation (IEEE 802.11a, IEEE 802.11g) 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 *With a large, high-performance antenna attached to the wireless LAN access point
	Transmission frequency (central frequency)	Version Frequency Channel <b>WFT-E4 II A</b> 5180 - 5320 MHz 36 - 64 ch 5745 - 5325 MHz 149 - 165 ch 2412 - 2462 MHz 1 - 11 ch <b>WFT-E4 II B</b> 5180 - 5320 MHz 36 - 64 ch 5500 - 5700 MHz 100 - 140 ch 2412 - 2472 MHz 1 - 13 ch <b>WFT-E4 II C</b> 5745 - 5805 MHz 149 - 161 ch 2412 - 2472 MHz 1 - 13 ch <b>WFT-E4 II D</b> 2412 - 2462 MHz 1 - 11 ch
	Wireless LAN configuration methods	① Connect with wizard ② Connection using Wi-Fi Protected Setup *When using access points that support Wi-Fi Protected Setup, connection is possible in Pushbutton Connection mode or PIN Code mode
	Connection method	Infrastructure, Ad hoc (IEEE 802.11a/11b/11g)
	Link speed (max.)	IEEE 802.11a: 54 Mbps IEEE 802.11b: 11 Mbps IEEE 802.11g: 54 Mbps
	Signal strength display	Indicated on a scale of one to four on the rear LCD panel of cameras, in an antenna icon
	Link speed display	Indicated on a scale of one to twelve on the camera LCD monitor (1 - 54 Mbps) 1/2/5.5/6/9/11/12/18/24/36/48/54 Mbps
	Connection restrictions for security	Supports SSID and MAC address filtering
	Receiver	Wireless LAN access point or adapter compatible with IEEE802.11a, IEEE 802.11b or IEEE 802.11g
<b>WIRED LAN</b>		
	Standard	IEEE 802.3u (Ethernet 10BASE-T and 100BASE-TX)
	Link speed (max.)	Approx. 100 Mbps
<b>LAN SETTINGS</b>		
	Settings	Five types of settings can be set and registered regarding image transfer and the wireless and wired network, as well as the FTP server
	Configuration methods	① Using connection wizards or menu functions on the camera ② Using a software utility for creating configuration files

	Error messages	An error number and corresponding message is displayed on the camera LCD monitor * The WFT-E4 II <LAN> lamp blinks in red
<b>CONNECTED EXTERNAL MEDIA</b>		
	Compatible media	External hard disks connected via USB * Must conform to the USB Mass Storage Class Specification * External hard disks must be self-powered * Must not have a card slot. However, the Canon MP series of HDD photo storage products is compatible * The main image storage area must be formatted with a FAT16 (if less than 2 GB) or FAT32 file system (if more than 2 GB) * Use media with a main image storage area of less than 1 TB (terabyte), with 512bytes per sector
	Image recording	Images are recorded to external media by choosing [Record func+media/folder sel.] > [G] Recording modes are the same as when a CF card is inserted: [Auto switch media], [Rec. separately] and [Rec. to multiple]; destination folders can be created or selected
	Image copying Backup	Not supported Backup copies of DCIM folders on CF cards can be created on external media through the [External media backup] menu item
<b>CONNECTED GPS DEVICES</b>		
	Compatible GPS devices	Garmin GPSMAP or eTrex series Magellan eXplorist series * Can be used with GPS devices that produce data in the format NMEA 0183 Ver.3.0.1 as well as some devices that produce Garmin protocol data
	Added information	Information including the latitude, longitude, altitude and Coordinated Universal Time of shots added information can be checked while reviewing images by pressing the INFO button
	Connection methods	① USB connection ② Bluetooth connection (with a Bluetooth unit in the WFT-E4 II USB port)
<b>INTERFACE</b>		
	Camera connection Wired LAN connection External device connection	System extension terminal Ethernet RJ-45 port Hi-Speed USB port (for attaching external media, GPS devices, and Bluetooth units) * Devices can be bus-powered
<b>POWER SUPPLY</b>		
	Power supply Power switch Battery level indicator Power-saving features	One LP-E6 Battery Pack None 6 Level indicator ① To conserve camera battery power when a wireless or wired LAN is not used, choose [Communication mode] > [Disconnect] ② When external media is connected, to have WFT-E4 II enter power saving mode after about 5 seconds when idle, choose [Power saving] > [Enable]
	Possible shots	Wireless LAN 230 At Normal Temperature (+23°C/73°F) 2200 At Low Temperature (0°C/32°F) Wired LAN 3000 At Normal Temperature (+23°C/73°F) 2600 At Low Temperature (0°C/32°F) *Using a fully charged LP-E6 *Under Camera & Imaging Products Association (CIPA) conditions for testing shooting capacity, when using automatic image transfer with images that are approximately 6 MB *Fewer images can be transferred if the wireless LAN transfer rate drops, and for consecutive image transfer over wireless LAN *Fewer images can be transferred when using bus-powered external media or GPS devices
<b>PHYSICAL SPECIFICATIONS</b>		
	Body Materials	Composed mainly of polycarbonate plastic reinforced with glassfiber
	Color	Black
	Operating Environment	0 – 45 °C, 85% or less humidity
	Dimensions (WxHxD)	149.1 x 45.3 x 76.1mm
	Weight (body only)	Approx. 360g
<b>RELATED PRODUCTS</b>		
	Accessories	Waterproof/Dustproof USB cap
<b>All data is based on Canon standard testing methods except where indicated</b>		
<b>Subject to change without notice</b>		