| 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-1D Mark IV, EOS-1D Mark III and EOS-1Ds Mark III (require firmware update) |
| **COMMUNICATION** | | |
| | FTP Transfer | Transfer images over a network to FTP servers |
| | EOS Utility | EOS Utility-based control of cameras over a network |
| | WFT Server | 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 | ① Automatic transfer ② Image sel./transfer *Selection of desired 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. |
| | 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 ① Size of JPEGs to transfer: [Larger JPEG] or [Smaller JPEG] ② Size of RAW images to transfer: [Larger RAW] or [Smaller RAW] ③ RAW+JPEG images to transfer: [JPEG only], [RAW only] or [RAW+JPEG] |
| | 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 1D Mark IV and WFT-E2 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 |

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| | Remote capture | (1) Camera control<br>\* Detailed settings can be configured for Live View shooting, focusing and shooting functions, etc.<br>(2) Simple control<br>\* Only Live View shooting and focusing are supported<br>(3) Capture only<br>\* Only release is possible (from browsers that do not support JavaScript) |
| | Image viewing and downloading | 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 |
| **LINKED SHOOTING** | | |
| | Slave cameras | Max. 10<br>\*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). |
| **WIRELESS LAN** | | |
| | Standards compliance | IEEE 802.11a (WFT-2 II A/B/C) and ARIB STD-T71<br>IEEE 802.11b, ARIB STD-T66<br>IEEE 802.11g, ARIB STD-T66 |
| | Transmission method | OFDM modulation (IEEE 802.11a, IEEE 802.11g)<br>DS-SS modulation (IEEE 802.11b) |
| | Transmission range | Approx. 150 m / 492 ft.<br>\*With no obstructions between the transmitting and receiving antennas and no radio interference<br>\*With a large, high-performance antenna attached to the wireless LAN access point |
| | Transmission frequency (central frequency) | Version Frequency Channel<br>**WFT-E2 II A**<br>5180 - 5320 MHz 36 - 64 ch<br>5745 - 5325 MHz 149 - 165 ch<br>2412 - 2462 MHz 1 - 11 ch<br>**WFT-E2 II B**<br>5180 - 5320 MHz 36 - 64 ch<br>5500 - 5700 MHz 100 - 140 ch<br>2412 - 2472 MHz 1 - 13 ch<br>**WFT-E2 II C**<br>5745 - 5805 MHz 149 - 161 ch<br>2412 - 2472 MHz 1 - 13 ch<br>**WFT-E2 II D**<br>2412 - 2462 MHz 1 - 11 ch |
| | Wireless LAN configuration methods | ① Connect with wizard<br>② Connection using Wi-Fi Protected Setup<br>\*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<br>IEEE 802.11b: 11 Mbps<br>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.<br>(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 |
| **WIRED LAN** | | |
| | Standard | IEEE 802.3u (Ethernet 10BASE-T and 100BASE-TX) |
| | Link speed (max.) | Approx. 100 Mbps |
| **LAN SETTINGS** | | |
| | 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 |

| | | |
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| | Error messages | ② Using a software utility for creating configuration files<br>An error number and corresponding message is displayed on the camera LCD monitor * The WFT-E2 II <LAN> lamp blinks in red |
| **CONNECTED EXTERNAL MEDIA** | | |
| | Compatible media | External hard disks connected via USB<br>* Must conform to the USB Mass Storage Class Specification<br>* External hard disks must be self-powered<br>* Must not have a card slot. However, the Canon MP series of HDD photo storage products is compatible.<br>* 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)<br>* 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]<br>Recording modes are the same as when a CF or SD card is inserted: [Auto switch media], [Rec. separately] and [Rec. to multiple]; destination folders can be created or selected |
| | Image copying | Same operation as when a CF or SD card is inserted, through the [Image copy] menu item |
| | Backup | Backup copies of DCIM folders on CF or SD cards can be created on external media through the [External media backup] menu item |
| **CONNECTED GPS DEVICES** | | |
| | Compatible GPS devices | Garmin GPSMAP or eTrex series<br>Magellan eXplorist series<br>* 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<br>② Bluetooth connection (with a Bluetooth unit in the WFT-E2 II USB |
| **INTERFACE** | | |
| | Camera connection | System extension terminal |
| | Wired LAN connection | Ethernet RJ-45 port |
| | External device connection | Hi-Speed USB port (for attaching external media, GPS devices, and Bluetooth units) * Devices can be bus-powered |
| **POWER SUPPLY** | | |
| | Power supply | Powered by the camera |
| | Power switch | None |
| | Power-saving features | ① To conserve camera battery power when a wireless or wired LAN is not used, choose [Communication mode] > [Disconnect]<br>② When external media is connected, to have WFT-E2 II enter power saving mode after about 5 seconds when idle, choose [Power saving] > [Enable] |
| | Possible shots | Wireless LAN 1100 At Normal Temperature (+23°C/73°F)<br>900 At Low Temperature (0°C/32°F)<br>Wired LAN 1200 At Normal Temperature (+23°C/73°F)<br>900 At Low Temperature (0°C/32°F)<br>*Using a fully charged LP-E4<br>*Under Camera & Imaging Products Association (CIPA) conditions for testing shooting capacity, when using automatic image transfer with images that are approximately 6 MB<br>*Fewer images can be transferred if the wireless LAN transfer rate drops, and for consecutive image transfer over wireless LAN<br>*Fewer images can be transferred when using bus-powered external media or GPS devices<br>* If the remaining battery level drops below 19%, captured images cannot be transferred or backed up to external media |
| **PHYSICAL SPECIFICATIONS** | | |
| | Body Materials | Magnesium alloy |
| | Color | Black |
| | Operating Environment | 0 – 45 °C, 85% or less humidity |
| **RELATED PRODUCTS** | | |
| | Accessories | Waterproof/Dustproof USB cap, Port cover |
| | | |

**All data is based on Canon standard testing methods except where indicated**

**Subject to change without notice**

**\* Firmware update required**