

# TECHNICAL SPECIFICATIONS

# XF705

## SHOOTING FUNCTIONS

### EXPOSURE

Exposure metering

Standard (centre-weighted metering), Spotlight and Backlight. The Standard setting is used in the FULL AUTO mode.

Exposure compensation

Centre  $\pm 8$  levels ( $\pm 2.0$ ,  $\pm 1.75$ ,  $\pm 1.5$ ,  $\pm 1.25$ ,  $\pm 1.0$ ,  $\pm 0.75$ ,  $\pm 0.5$ ,  $\pm 0.25$ ,  $\pm 0$ )

AE Response function via the menu.

Wave Form Monitor

Yes

Auto Exposure mode

Full Auto Mode

Auto Gain Control setting

Yes

Auto Gain Control limit

-6 dB - Off / 33 dB (1 dB increments)

Gain setting

Gain L/M/H

System Frequency

59.94kHz (NTSC)/50.00kHz (PAL). User selectable.

### WHITE BALANCE

Setting

Auto, Manual

Preset

Daylight: 5600 K (Initial value: 5600 K /  $\pm 0$  CC) Adjustable range: 4300 K - 8000 K / -5 CC - +5 CC  
Tungsten: 3200 K (Initial value: 3200 K /  $\pm 0$  CC) Adjustable range: 2700 K - 3700 K / -5 CC - +5 CC  
Colour Temperature Setting: Adjustable range: 2000 K - 15000 K / -20 CC - +20 CC Initial value: 5600 K /  $\pm 0$  CC Set A / Set B

### SHUTTER SPEED

Control Modes

Auto, manual, Clear Scan, Slow, Angle, Off

Shutter speed (PAL)

1/2 - 1/2000 sec (depending on shooting option selected).

Shutter Angle

Yes: 11.25° - 360.00° (depending on shooting option selected).

Slow Shutter (SLS)

50.00P: Auto slow shutter On: 1/25 to 1/500 sec. Auto slow shutter Off  
1/50 to 1/500 sec.  
25.00P: Auto slow shutter On 1/12.5\* to 1/500 sec. (\*Display is 1/12.)  
Auto slow shutter Off: 1/25 to 1/500 sec.

Clear Scan

Yes

### INFRARED

Infrared shooting mode

Yes

Built-in IR lamp

Yes, in Handle Unit

### MISC.

Tally lamp

Yes

Colour Bars

EBU / SMPTE (PAL): SMPTE / ARIB (NTSC)

Accessory shoe

Cold Shoe

Custom Button Assignment

Yes. 14 assignable buttons (Camera Mode), 82 assignable functions via menu.

Wireless LAN standards

IEEE802.11b/g/n/a (2.4 GHz/5 GHz)

Supported Wi-Fi Functions

Browser Remote. (Camera Mode) FTP file transfer (Media Mode)

Encryption

Open Encoding, Open WEP, Shared key/WEP, WPA, WPA2-PSK, or WPA2-PSK AES.

Supported Browser for Remote Operation

Internet Explorer 8 or later, Safari (iOS 9 or 10), Safari (MacOS), Android standard browser Android 4.4 - 6.0

Remote Operation Control Features

Aperture, ND control, Focus, focus adjustment, White balance, Shutter speed, Gain, Exposure compensation, Shooting mode, Zoom, Slot selection. The free memory remaining on the media, time code, remaining battery charge, etc. can be checked. Live View.

Live view image Resolution

Camera setting mode: 680 x 383

Simplified setting mode: 284 x 160

GPS Information (Optional Accessory)

Location (latitude, longitude and altitude) as well as the GPS information while using Coordinated Universal Time (UTC) can be added to MP4 movies and photos. Also, based on this information, the satellite data acquisition status can be checked in camera mode.

### TIME CODE

Count up system

Rec Run / Free Run

Start value setting

00:00:00.00 - 23:59:59.29 (PAL 23:59:59.24)

Drop Frame

DF / NDF

User BIT Type

Setting (00 00 00 00 - FF FF FF FF) / Time / Date

### ACCESSORIES

Supplied

Lens cap, Lens hood with barrier, Mic holder unit (with screws), Shoulder strap (SS-1200), Wireless Controller, (WL-D6000), Lithium battery (CR2025), Compact Power Adapter (CA-CP200L), AC cable, Battery Pack BP-A30, Battery Charger (CG-A20)

Optional Accessories (Includes items not currently on sale)

Canon Battery Pack BP-A30/BP-A60, Canon Battery Charger CG-A10/CG-A20, Canon Compact Power Adapter CA-CP200L, Canon Wireless Controller WL-D6000, RC-V100 Remote Control Unit, Canon Tele Converter TL-U58, Canon Wide Attachment WA-U58, Canon Shoulder Strap SS-1200, Canon PROTECT filter 58 mm, Canon ND4-L filter 58 mm, Canon ND8-L filter 58 mm, Canon GPS Receiver GP-E2, Canon Remote Controller RC-V100, Tripod Adapter TA-100, Canon Interface Cable IFC-300PCU/S / IFC-400PCU

### POWER SUPPLY/BATTERY

Power Consumption

50.00P: 3840x2160 XF-HEVC/160Mbps:- Approx. 20.8W

(Recording), 18.1W (Playback)

50.00P: 1920x1080 XF-AVC/45Mbps:- Approx. 18.8W

(Recording), 15.8W (Playback)

Battery Pack

14.4 V DC, BP-A30 (Supplied), BP-A60 (Optional)

Continuous Recording Time (approx.)

50.00P: 3840x2160 XF-HEVC/160Mbps:- Approx. 125 Mins (Maximum), 65 Minutes (Typical)

50.00P: 1920x1080 XF-AVC/45Mbps:- Approx. 135 Mins (Maximum), 80 Mins (Typical)

Mains Power

24V DC (Compact Power Adapter CA-CP200L, supplied)

### MISCELLANEOUS

Dimensions

Approx. 191 x 258 x 433 mm (Approx. 7.5 x 10.2 x 17.0 in)

[Including lens hood, eyecup and mic holder unit]

Weight (camera only)

Approx. 2,600 g (including grip belt)

Operating Temperature range

Approx. 0 to 40 °C, 85% (relative humidity), Approx. -5 to 45 °C, 60% (relative humidity)

### Footnotes:

All specifications are subject to change without notice

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