

Canon XF105 HD Professional PAL Camcorder



Rating: 5.0

Price:

Variant price modifier:

Price with discount:

Salesprice with discount:

USD 1,497.00

Discount:



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Manufacturer: [Canon](#)

Description

Product Highlights

- 1/3" CMOS Sensor
- 50 Mb/s MPEG-2 Recording
- 4:2:2 Color Sampling
- 1920 x 1080 (50i/25p) & 1280 x 720 (50p)
- MXF File Format
- Dual CF Card Slots
- 10x HD Zoom Lens
- Multiple Bit Rates & Resolutions
- Dual XLR Inputs
- HD/SD-SDI, SMPTE Time Code, Genlock

Image Device

Lens

Horizontal Resolution

Focusing System

Zoom

Iris

Minimum Illumination

Built-in Filters

Minimum Focus Distance

Video Recording System

Audio Recording Format

Audio Control

Frame Rates

Slow & Quick Motion Function

Image Stabilization

LCD Monitor

Viewfinder

Microphone

Memory Card Slot

Still Picture Resolution

Scan Reverse

Exposure

1/3" CMOS Sensor

2.37 Mp (2.07 Mp effective)

Bayer pattern filter

10x optical zoom

1.5x, 3x, 6x digital zoom

4.25-42.5mm (30.4-304mm, 35mm equivalent)

f/1.8-22

12 elements in 10 groups

58mm filter diameter

900 TV lines or more (1920 x 1080i mode)

Ring control or automatic (Instant AF, Medium AF, TV AF, Face

Detection AF, Face Only AF)

Zoom Rocker: Variable speed/Fixed speed (Fast/Normal/Slow, 16 speed level settings available in each mode)

Handle zoom: Fixed speed (Fast/Normal/Slow, 16 speed level settings available in each mode)

f/1.8-22; ring control; custom dial control; Full Auto

Full Auto (24 dB gain), 50i/25p: 3.8 lux / 1.9 lux

Manual Mode (33 dB gain), 50i/25p: 1.3lux / 0.7 lux

Neutral Density (Auto or Off)

20mm (wide macro), 60 cm (entire zoom range)

Compression: MPEG-2 Long GOP

Color Space: 4:2:2 (at 50 Mb/s recording)

File Format: MXF

Recording Modes:

50 Mb/s CBR (4:2:2), MPEG-2 422P@HL: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p

35 Mb/s VBR (4:2:0), MPEG-2 MP@HL: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p

25 Mb/s CBR (4:2:0), MPEG-2 MP@H14: 1440 x 1080/50i, 25p

2-channel, PCM digital recording, 16-bit; 48 kHz

Audio limiter, Auto/manual settings via control dials on handle

50i, 25p (all resolutions); 50p (1280 x 720 resolution only)

720p: 12, 15, 18, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32, 34, 37, 42, 45, 48, 50 fps

1080p: 12, 15, 18, 20, 21, 22, 23, 24, 25 fps

SuperRange Optical (Lens Shift) with angle & vector movement detection

3 modes: Standard, Powered, Dynamic

3.5" (8.8 cm) color, approx. 920,000 dots

Set brightness, contrast, color, sharpness, backlight, black & white

Adjustable position (270°)

0.24" (6.1mm) color, approx. 260,000 dots

Set brightness, contrast, color, backlight, black & white

Adjustable vertical tilt

+2.0 to -5.5 diopter

Yes, with attenuation and level meter

CF Card: 2 slots (movie files only); UDMA4, 30 MB/s or faster (40 MB/s or faster for Fast/Slow recording)

SD/SDHC/SDXC Card: still images, custom picture data, clip metadata, custom settings

During video recording: 1920 x 1080

During playback: 1920 x 1080, 1280 x 720

Up/down, left/right, up/down/left/right image inversion

Metering: Standard (center-weighted), Spotlight, Backlight

	Range: 50-100,000 lux Compensation: -2 to +2 EV (13 steps) Full Auto Mode 1/18 to 1/2000 depending on frame rate Slow Shutter: 1/3, 1/6, 1/12, 1/25 depending on frame rate 11.25° to 360° depending on frame rate 50i/p: 50-249.46 Hz 25p: 25-249.46 Hz Green or white Auto, Manual, A, B, Daylight, Tungsten -50 to +50 white balance offset for R,G,B Countup Setting: Regen, RecRun, FreeRun, External, Hold Start Value Setting: "00:00:00:00", Set/Reset selectable Assignable L, M, H settings (-6 dB / -3 dB / 0 dB / 3 dB / 6 dB / 12 dB / 18 dB / 24 dB / 33 dB / TUNE (0.5 dB increments from 0 to 24 dB)) Setting: Full Auto; AGC On; Manual Limit: 3 dB; 6 dB; 9 dB; 12 dB; 15 dB; 18 dB; 21 dB (Off/24 dB) Stored Configurations: 9 (3 factory presets) Storage Medium: SD/SDHC memory card (all customization data and metadata) Gamma: 6 profiles Master Pedestal: -50 to +50 Master Black: -50 to +50 for each of R,G,B Black Gamma: Adjustable height, width, and apex Low Key Saturation: -50 to +50 adjusts color saturation in low-brightness area Knee: Adjusts over exposure characteristic (Automatic, Slope, Point, Saturation) Sharpness: Adjustment for Detail level, Detail frequency, Coring, HV balance, Detail limit, Knee Aperture, Level Depend, Ingredient Ratio Noise Reduction: Off, Automatic, On (1 to 8) Skin Detail: Effect Level (Low, Middle, High), Hue, Chroma, Area, Y Level Selective Noise Reduction: Effect Level (Low, Middle, High), Hue, Chroma, Area, Y Level Color Matrix: -50 to +50 6-way matrix, Gain, Phase White Balance: -50 to +50 white balance offset for R,G,B Color Correction: Area selection / area revision of two areas Setup Level: -50 to +50 On/Off Press: On / Off Clip 100% IRE: Limits output to 100% after setup adjustment With 1x 32 GB CF card: Up to 80 minutes (1080/50i @ 50 Mb/s) HD/SD-SDI: BNC (x1 Output) Component (x1 Output) Composite: 3.5mm A/V (x1 Output), BNC (x1 Output) HDMI: Standard Type A (x1 Output) Mic/Line: XLR 3-pin (x2 Input) with 48V phantom power (x2 Input); 3.5mm stereo (x1 Input) USB: Mini-B USB 2.0 (x1 Output) Headphone: 3.5mm Mini (x1 Output) Genlock: BNC (x1 Input; same terminal used for time code) Time Code: BNC (Switchable x1 Input or x1 Output; same terminal used for genlock) Remote Control Terminal: LANC (2.5mm) (z1 Input) x2 lamps Cold shoe 7.4V DC (Battery Pack) 6.1W Approx. 165 minutes Lithium coin battery (built-in) 23 to 113° F (-5 to 45° C), 60% relative humidity 5.5 x 7.5 x 10.6" (13.9 x 19.1 x 26.8 cm) - including lens hood and microphone holder 2.4 lb (1.07 kg) - not including battery, memory card, lens hood, mic holder 2.6 lb (1.16 kg) - fully equipped
Shutter Speed	
Shutter Angle	
Clear Scan	
Infrared	
White Balance	
Time Code	
Gain Selection	
Automatic Gain Control	
Custom Picture	
Maximum Recording Time	
Input and Output Connectors	
Tally	
Accessory Shoe	
Power Requirements	
Power Consumption	
Battery Recording Time	
Battery Backup	
Operating Temperature	
Dimensions (WxHxD)	
Weight	
Packaging Info	
Package Weight	
Box Dimensions (LxWxH)	

