



Sony Cameras

Quick Spec

Sony CineAlta F900R HDCAM

General Specifications

Mass - approx. 5.4 kg (12 lb. 2 oz) with microphone, HDVF-20A viewfinder, BCT-40HD cassette and BP GL95 Battery

Power Requirements - DC 12 V +5.0 V/-1.0 V

Power Consumption - 38 W (With 12 V power supply, REC mode, with HDVF-20A)

Operating Temperature - 0 to +40 °C
(+32 to +104 °F)

Storage Temperature - -20 to +60 °C
(-4 to +140 °F)

Humidity - 25% to 85% (relative humidity)

Continuous Operating Time - Approx. 110 min w/BP-GL95 battery

Video Recording Format - HDCAM 1080/59.94i / 29.97P / 50i / 25P / 24P / 23.98P

Audio Recording - Linear PCM (2ch, 16-bit, 48-kHz)

Recording Media - BCT-6HD/12HD/22HD/32HD/40HD, 1/2-inch HDCAM Cassette

Recording Frame Rate NTSC model - HDCAM 1080/59.94i/29.97P/24P/23.98P

Recording Frame Rate PAL model - HDCAM 1080/ 50i / 25P

Recording/Playback time - 40 min. with BCT-40HD (59.94i Mode)
- 48 min. with BCT-40HD (50i/25P Mode, 25P: HDW-650P only)
- 50 min. with BCT-40HD (23.98PsF Mode, HDW-650F only)



Sony CineAlta F35 HDCAM SR

Camera Specifications

Lens Mount - \varnothing 54 mm PL mount

Pickup Device - 1-chip Super 35 mm type Progressive CCD

Sensitivity - T10.6 at ExtendMode at 23.98PsF mode

General Specifications

Imager - 35mm CCD

Operating Temperature - 32 °F to 104 °F
(0 °C to 40 °C)

Power Requirements - DC 10.5 V to 17 V

Storage Temperature - -4 °F to +104 °F (-20 °C to +60 °C)

Weight - Approx. 11 lb (5.0 kg)



Sony CineAlta SRW900 HDCAM SR

Camera Specifications

Built-In Optical Filters - A: 3200K, B: 4300K, C: 5600K, D: 6300K, E: ND0.3 (1/2ND) 1: Clear, 2: ND0.6 (1/4ND), 3: ND1.2 (1/16ND), 4: ND1.8 (1/64ND), 5: CAP

Dynamic Range - 800% @ 6dB

Effective Picture Elements - 1920 (H) x 1080 (V) RGB

Gain Selection - 6, -3, 0, 3, 6, 9, 12dB

Horizontal Resolution - 1000 TV lines (at center of screen) 5% or higher modulation

Lens Mount - Ruggedized 2/3-inch type Sony bayonet mount (B4)

Optical System - F1.4 prism

Pickup Device - 3-chip 2/3-inch type Progressive CCD

Registration - Within 0.02% (all zones, without lens)

S/N Ratio - 55 dB

Sensitivity (2000 lx, 89.9% reflectance) - 29.97PsF:T11 ISO580

Shutter Speed - Angle 360.0°~ 4.3° Continuous Mode (ECS)

Slow & Quick Motion Function - (w/HKSR-9002) Selectable from 1 to 60 frame/sec as recording frame rate

Smear level - -135 dB (typical)

General Specifications

Mass - Approx. 6.5 kg (14 lb 5 oz)

Operating Temperature - 0 to 40°C (+32°F to 104°F)

Power Consumption - Approx. 57 W (while recording, w/o options, power save mode)

Power Requirements - DC 12 V +5.0 V/-1.0 V

Recording Format - Video: HDCAM-SR 440Mbps, HDCAM-SR 880Mbps, Color Space: 4:2:2, 4:4:4SQ, 4:4:4HQ (w/HKSR-9003) Audio: 12ch/24bit/48kHz

Recording/Playback Time - HDCAM-SR 440Mbps: 4:2:2, 4:4:4SQ: 40min (30P)-50min (24P) HDCAM-SR 880Mbps: 4:4:4HQ: 20min (30P)-25min (24P), 4:2:2, 4:4:4SQ: 20min (60P), 24min (50P)

Storage Temperature - -20 to +60°C (-4 to 140°F)



Sony CineAlta F23 HDCAM

Camera Specifications

Built-in Filters - A: 3200K, B: 4300K, C: 5600K, D: 6300K, E: ND0.3 (1/2ND) 1: Clear, 2: ND0.6 (1/4ND), 3: ND1.2 (1/16ND), 4: ND1.8 (1/64ND), 5: CAP

Effective Pixels - 1920 x 1080 pixels

Lens Mount - Sony bayonet mount (B4)

Pickup Device - 3-chip 2/3-inch type Progressive CCD

Registration - Within 0.02% (all zones, without lens)

Sensitivity - T10 (at 23.98PsF)(at 2000 lx, 89.9% reflective)

Spectrum System - F1.4 prism system

General Specifications

Imager - 2/3" CCD

Operating Temperature - 32 °F to 104 °F (0 °C to 40 °C)

Power Requirements - DC 10.5 V to 17 V

Storage Temperature - -4 °F to +104 °F (-20 °C to +60 °C)

Weight - Approx. 11 lb (5.0 kg)



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