



DCR-SX45

Standard Definition Handycam® Camcorder

The ultra-compact DCR-SX45 features a 3.0" touch-screen LCD (230K), a built-in LED video light, as well as a professional-quality Carl Zeiss® Vario-Tessar® lens, which delivers sharp, high-resolution images and powerful 70x extended zoom that lets you capture extremely tight shots, even from far away.



70x Extended Zoom to get even closer to the action

Extended Zoom works in conjunction with 60x optical zoom to get even closer to the action while maintaining image quality.

Carl Zeiss® Vario-Tessar® lens

The professional-quality Carl Zeiss Vario-Tessar lens designed specifically for compact camcorders. Precision ground optics help maintain the sharpness and contrast of larger lenses, and SteadyShot™ image stabilization helps reduce blur caused by camera shake.

3.0" Clear Photo LCD Plus™ display (230K)

The 3.0" Clear Photo LCD Plus™ display provides exceptional viewing clarity with 230K pixels resolution. The display rotates up to 270 degrees for multiple viewing angles, as well as provides sharp, detailed images for monitoring or playback. The convenient touch panel allows easy access to menus and additional functionality such as spot focus and spot metering.

SteadyShot® image stabilization with Active Mode

SteadyShot image stabilization with Active Mode allows for a greater degree of image stabilization giving you more stable video.

Intelligent Auto (36 different scene combinations possible)

Intelligent Auto mode goes a step beyond traditional auto modes by analyzing your shot and then automatically selecting the appropriate settings from seven distinct scene modes (36 different combinations possible): Landscape, Backlight, Twilight, Spotlight, Macro, Portrait, Tripod.

Dolby® Digital stereo recording with Built-in Zoom Mic

The built-in zoom microphone focuses audio recording on your subjects with the camera's zoom lens, helping memories ring true with clear dialogue and crisp, discrete sounds.

Face Detection to keep faces in focus

Face Detection technology recognizes faces and optimizes camera settings for both video and still images, so faces are captured more clearly and skin tones look more natural.

Built-in LED video light

The DCR-SX45 features an LED light that can assist in low-light situations giving you more flexibility when capturing your video.

Additional Features:

- Built-in USB cable for easy file transfer/charge
- Direct Copy to external HDD without PC¹³
- Includes Sony PMB (Picture Motion Browser) and PMB Portable software⁹
- Auto Lens Cover

IMAGER	
Imaging Device	1/8" type Advanced HAD® CCD Imager
Processor	Sony® image processor
Imager Pixel Gross Size	680K
VIDEO	
Video Actual 16:9	Approx. 410K pixels
Video Actual 4:3	Approx. 470K pixels
Video Resolution (Movie Quality)	720x480/60i
Video Signal System	NTSC color, EIA standards
Video Format(s) Supported	MPEG2-PS
STILL PICTURE	
Still Actual 16:9	230K pixels 16:9 (640x360)
Still Actual 4:3	307K pixels 4:3 (640x480)
Still Picture Max Resolution	470K pixels
Dual Record Resolution	-
AUDIO	
Audio Recording Format	Dolby® Digital 2ch Stereo, Dolby® Digital Stereo Creator
Microphone	Built-in Zoom Microphone
MEDIA TYPE	
Recording Media	Memory Stick PRO Duo™ media (sold separately); SD/SDHC media (sold separately)
Internal Memory	-
OPTICS AND LENS	
Lens Type	Carl Zeiss® Vario-Tessar® Lens
35mm Equivalent 16:9	39mm - 2340mm
35mm Equivalent 4:3	38mm - 2280mm
Aperture	F1.8 - F6.0
Exposure Control	Yes (Touch Panel)
Filter Diameter (mm)	37mm
Focal Distance (mm)	1.8mm - 108mm
Focus System	Contrast AF
Shutter Speed	Auto: 1/4-1/4000; STD: 1/60 - 1/500
Minimum Illumination	3 lux (1/30 Shutter Speed)
Optical Zoom	60x
Digital Zoom	2000x
Extended Zoom	70x
DISPLAY	
Display	3.0" Clear Photo LCD Plus™ display (230K) Wide (16:9)
View Finder	-
HARDWARE	
Flash	-
Memory Card Slot	Yes (Memory Stick PRO Duo media, SD/SDHC media)
Manual / Auto Lens Cover	Auto
S/S & Zoom Button on LCD	Yes (Touch Panel)
INPUTS & OUTPUTS	
Audio/Video Remote Terminal	Video/S Video/Audio/Remote
Digital Audio/Video Output(s)	-
USB Port(s)	Yes (mini B/Hi-Speed)
Component Video (Y/Pb/Pr) Output(s)	A/V terminal
HDMI™ Connection Output(s)	-
Headphone Jack	-
Microphone Input	-
Active Interface Shoe	-

CONVENIENCE FEATURES	
Face Detection	Yes
Smile Shutter™ Mode	-
Quick On	Yes, Power On with LCD
Dynamic Range Optimizer	-
Image Stabilization	Electrical SteadyShot® image stabilization w/Active mode (Wide to Tele)
x.v.Color™	-
White Balance	Auto/Onepush/Outdoor/Indoor
Fader Effects	White/Black
Scene Selection Mode(s)	Auto/Twilight/Candle/Sunrise & Sunset/Fireworks/Landscape/Portrait/Spotlight/Sports/Beach/Snow
Event Browse	-
Photo Capture from Movie	Yes
Still Image Format(s)	JPEG
Slide Show Mode	Yes
Multiple Language Display	Yes
Smooth Slow Record	-
Direct Copy	Yes ¹³
POWER	
Power Consumption	1.8W
Supplied Battery Type	InfoLITHIUM® (NP-FV30)
Power Requirements	7.2V (battery pack); 8.4V (AC Adaptor)
DIMENSIONS	
Dimensions (Approx.)	2 1/8" x 2 1/4" x 4 7/8" (52.5mm x 57mm x 123.5mm)
Weight (Approx.)	8.1oz (230g)
SUPPLIED ACCESSORIES	
AC Adaptor	Yes
Rechargeable Battery Pack	InfoLITHIUM® (NP-FV30)
Power Cord	Yes
Component Video Cable	Yes
Composite Video Cable	Yes
USB Cable	Yes
Application Software (CD-ROM)	PMB Ver.5.5 ⁹
SUGGESTED ACCESSORIES	
Rechargeable InfoLITHIUM Batteries	NP-FV50/FV70/FV100
Starter Kit	ACC-FV70, ACC-FV50A
AC Adaptor/Charger for V series batteries	AC-VQV10, BC-TRV
USB Adaptor Cable	VMC-UAM1
Case	LCS-U20, LCS-U30, LCS-X20, LCS-VA15/B, LCS-BBD/B, /R, /L
Tripod/Grip	VCT-R100, VCT-60AV, VCT-50AV, GP-AVT1
Water Housing	SPK-CXB
DVDirect® Recorder	VRD-MC6, VRD-P1
FOOTNOTES	

⁹ Requires Microsoft® Windows® XP SP3 / Windows Vista® SP2 / Windows 7. Not supported by Mac® OS.
¹³ Requires VMC-UAM1 cable (sold separately), AC power for camcorder, and hard drive formatted in FAT-32. USB-hub not supported. External HDD/USB media should be less than 2TB (Terabytes).

Also Available In:

