



HMXF90WNXAA

HMX-F90BN Full HD Camcorder White



Specifications

Design	
Color	Black
Type	HD Memory Cam
Lens	
Type	F1.8 Schneider Lens
Optical Zoom	52x
Digital Zoom	130x
Focal Length-35mm	35.3~1838
Focal Length	2.1 ~ 109.2
0 Lux Recording	Color Nite Shutter
Macro	Wide / Tele Macro
Zoom Speed	5 seconds
Image Sensor	
Image Stabilizer	Hyper DIS
No. of Pixels	5M
Effective Pixels	921k
Main Display	
No. of Pixels	230k
Bright Adjust	Yes
Rotation Angle	90+270 deg.
Video Recording	
Animated Thumbnail	Yes
Auto Exposure	Yes
Auto Focus	Yes
Auto Shutter	Yes

Back Light Compensation	Yes
Built-in Microphone	Yes
Color Nite Shutter	On(1/30)/Off
Digital Special Effects	Off, Black & White, Sepia, Negative, Noir, Western, Dazzle
Edit	Memory Format, Delete a file, Delete selected files, Delete all files, Protect a file, Protect selected files, Protect all files
Index Thumbnail View	Yes
Manual Exposure	Yes
Manual Focus	Yes
Recording Format	H.264 BP
Recording Time (hrs)	1.6
Resolution	1280 x 720/30p 720 x 480/60p, 16:9 720 x 480/60p, 4:3 TV Out : 1920 x 1080/30p (HDMI) 720 x 480/60i, 16:9 (Composite) 720 x 480/60i, 4:3 (Composite)
Scene Mode	Auto, Sports, Portrait, Spotlight, Beach & Snow, Food, Waterfall
Shooting Guideline	Yes
Smart Auto	Night, White, Indoor, Macro, Landscape, Portrait, Night Portrait
Speaker	Mono
Video File Format	MP4
Video Still Capture	Yes
White Balance	Auto/Daylight/Cloudy/Fluorescent/Tungsten/Custom
Still Imaging	
Format	JPEG
Quality	Super Fine
Recordable Media	SD/SDHC/SDXC
Resolution	1696 x 954 (16:9) 1.6M 1280 x 720 (16:9) 0.9M 1600 x 1200 (4:3) 1.9M 800 x 600 (4:3) SVGA
Audio Recording	
Audio Format	AAC
Built-in Microphone	Stereo

Built-in Speaker	Stereo
Channels	2
Storage Media	
Card Slot	SD, SDHC, SDXC
Bundled Software	
Intelli-Studio	Yes
Features	
Function Beep	Yes
HDMI 1080 Video Up	Yes
Lens Cover	Yes
My Clip In Camera Editing	Yes
Power LED	Yes
Recharging Indicator	Yes
Tripod Screw	Yes
Inputs and Outputs	
Composite	Yes
HDMI	Yes
USB 2.0	Yes
Dimensions	
Product Dimensions (W x H x D)	2.12" x 2.22" x 4.68"
Shipping Dimensions W x H x D)	6.69" x 5.51" x 3.46"
Weight	
Product Weight (lb.)	0.48 lb.
Shipping Weight (lb.)	1.25 lb.
Power	
USB Battery Charging	Yes
Battery Model	IA-BP105R
Power Supply	2.4W

Functions	
Continuous Shot	Yes
Delete All	Yes
Delete Selected	Yes
FF/FPS	Yes
Multi Display	Yes
PB All	Yes
Play/Still	Yes
Protect All	Yes
Protect Selected	Yes
Record Pause	Yes
Repeat	Yes
REW/RPS	Yes
Slide Show	Yes
Smart BGM	Yes
Time Lapse Recording	1/3/5/10/15/30 sec Rec Limit: 24/48/72/Unlimited
Software	
Compatible OS	Microsoft windows Vista or XP (Service Pack 2)
System Requirements	CPU: Intel Pentium4, 3.0GHz or higher AMD Athlon FX, 2.6GHz or higher RAM: 512MB(1GB or higher recommended) Vide Card: nVIDIA Geforce 7600GT or higher Display: 1024x768, 16bit color or higher DirectX: DirectX 9.0 or higher



Adventura Ultra Zoom 100

LP36214-0AM

Shoulder Bag



Purpose built for ultra-zoom cameras and a wide variety of compact system, mirrorless and micro four-thirds cameras, Lowepro's Adventura Ultra Zoom 100 shoulder bag delivers a compact and easy-access solution with an adjust-to-fit design. A padded removable divider adjusts to fit most of the smallest to largest models. The opening features a cut-away shape and is placed low on the front, making it easy to grab a camera by its grip and capture the shot in a moment. Inside, brushed tricot lining protects an LCD screen and lens from scratches and dedicated memory card and battery pockets offer protected storage space. Also includes: a back slash pocket; adjustable/removable shoulder strap; quick-grab handle; and dual zipper pulls.

Size (Interior):
3.7W x 3.3D x 5.3H in.
9.5 x 8.5 x 13.5 cm

Size (Exterior):
5.1W x 4.5D x 6.5H in.
13 x 11.5 x 16.5 cm

Outer fabric:
Rubber handle on 20mm webbing 600D
Polyester with TPE backing 840D Nylon Small
Lowepro Logo #5 zipper 20mm webbing
20mm D-ring (2) (2) zipper sliders and pulls

Interior Fabric:
Tricot Orange 210D Polyester binding

Weight:
0.3 lbs/0.01kg

DA-SD-1008G-R

8GB SDHC Memory Card

Dane-Elec DA-SD-1008G-R 8GB Secure Digital High Capacity Memory Card has a sleek and rugged exterior and offers you the kind of mobility you want and need with your precious photo albums, music, video and more! This SD card is great for use with a PDA, MP3 drivers, mobile phones and also digital equipment such as cameras and videos. The possibilities of data you can store are limitless, and with a comfortable 8GB of storage you will be glad you invested in this worthy little device. Equip yourself with this handy SD Card for mobile performance you can depend on.



- Memory card with 8 gigabytes of secure digital memory
- Store videos, pictures, music and more
- Compatible with all portable devices that features an SD slot
- Supports SD and SDI communication protocols
- High capacity
- Dimensions: .06" H x 1.19" D x .09" W
- Weight: .07 lbs.
- Warranty: 10 Years