

# DDV-965

2.5" TFT LCD, 290° Rotation  
5M Pixels CMOS Sensor , Max. 10M Pixels Enhanced  
Full Feature-packed PMP Camcorder

*Most Compact and Excellent Quality, You Have Got the DV You Need !*

Full Feature-packed Products: DV/DSC/Voice Recorder/TV Out/USB Storage  
2.4" Wide TFT LCD with Swivel Screen 290° Rotation  
1/2.5" 5M Pixels High Quality CMOS Sensor  
10 M Pixels Enhanced Resolution  
5 X Digital Zoom for Capture Mode  
Max. 8 X Digital Zoom for Playback Mode  
MPEG4 Compression Technology with High Image- D1 (720x480) Resolution  
MPEG4 Media Player and TV Output Function  
SD/MMC Card Slot Compatible up to 2GB Storage  
Remaining Memory / Recording Time Management  
Multi-language on Screen Display  
9 Optional Photo Frames for Pictures  
Customized Photo as Welcome Screen  
4 Fun Built-in Electronic Games  
7 Different Photo Scenarios  
Motion Stabilization Function  
Face Detection Function

## Specification

### Lens and Sensor:

- \* Sensor: 5M Pixels 1/2.5" High Quality CMOS Sensor
- \* Focal Length : f=7.1
- \* Aperture Range : F3.2
- \* Focus Range / Macro: Center 20 cm, Normal: 1.2M ~ Infinity
- \* Digital Zoom/ Capture Mode : Max. 5 X
- \* Digital Zoom/ Play Mode : Max. 8 X (Base on the Image Size Setting)
- \* Shutter Type: Electrical Shutter
- \* Shutter Speed: Normal: 2 sec-1/1500 sec, Night Scene: 2 sec-1/500 sec

### Digital Imaging and Specification:

- \* Display: 2.4" TFT LCD, Swivel screen 290° Rotation
- \* High Resolution, High Brightness, High Electron Response Speed
- \* Scene Mode: Auto, Program, Portrait, Dawn, Backlight, Fireworks, Night Scenery
- \* Effect : Normal, Black & White, Sepia, Negative
- \* White Balance (7 Modes): Auto, Daylight, Cloudy, Fluorescent, Tungsten, Sunset, Custom
- \* Image Metering modes: Multi and Spot
- \* Sharpness: Soft, Normal, Vivid
- \* Image Editing Function: Trimming, Resizing, Rotation (Only Under 5M, 3M, 1M & VGA Mode)

- \* Exposure Compensation: Programmed AE (-2EV ~ +2EV , 0.5EV/ Steps)
- \* ISO Equivalent: Auto, 100, 200, 400
- \* Face Detection : Automatically Finds Faces and Optimizes Focus, AWB and Exposure
- \* Playback: Single Image, Movie, Wav Audio, Thumbnails, Slideshow

#### **Resolution:**

- \* Still Image File Format: JPEG (DCF), Exif 2.2, DPOF 1.1, PictBridge 1.0
- \* Still Image Quality: Normal, Fine, Super Fine
- \* Still Image Resolution ( Pixels )
  - 10M : 3,680 x 2,760, 5M : 2,560 x 1,920,
  - 3M : 2,048 x 1,536, 1M : 1,280 x 960
- \* Video File Format: AVI (MPEG-4 encoded)
- \* Video / Recording Resolution:
  - D1:720x480 / 30 fps, VGA:640 X 480 / 30fps, QVGA:320 X 240 / 30fps
- \* Video Image Quality: Normal, Fine, Super Fine (Compression Rate from High to Low)
- \* No Recording Interruption; Real Time Video Recording
- \* Audio File Format : WAV

#### **Audio, Video In/Out:**

- \* Audio Input: Microphone Mono
- \* Audio Output: Speaker (Mono) or TV out (Stereo)
- \* TV Output: For NTSC / PAL System with Video/Audio Output
- \* Digital Output Connector : USB 2.0

#### **Memory:**

- \* Internal Memory: 16 MB Flash Memory with/Firmware and Software
- \* External Memory: SD/MMC Card Compatible up to 2GB.

#### **Power Management:**

- \* Power Supply: 3.7V 650mAh Rechargeable Li-Ion Battery Pack (BL-5B)
- \* Battery Charger: (I/P) 100V-240V Charger, 50/60Hz , (O/P) 5VDC 2mA
- \* LED: Power, Playback, Self-Timer and Flash Charging
- \* Auto Power Off: Off, 1, 3 min

#### **Others:**

- \* Dimensions: W105.4mm x H55mm x D26.2mm
- \* Weight: 130 g (Including Battery)
- \* Multi-Language: English/ French/ German/ Italian/ Spanish/ Russian/ Japanese/ Thai/ Turkish/ Portuguese/ T-Chinese/ S-Chinese
- \* USB Interface: Mini USB 2.0 High Speed, Mass Storage Protocol
- \* Self Timer: 10, 2 Seconds Delay, Double with LED Indicator
- \* Strobe Modes : Auto / Auto & Red-Eye Reduction / Fill-in / Slow Sync / Off
- \* Flash Working Range : 1 - 2 Meters
- \* Game: Soko, Tetris, Snake, Puzzle
- \* Support O/S: Win98/ ME/ 2000 Professional (SP4) / XP (SP2), Mac OS 10.0 or above and Power Mac G3 or above
- \* Application Software : ArcSoft MediaImpression

#### **Accessories**

- \* CD with Driver and Manuals
- \* Li-Ion Rechargeable Battery
- \* Battery Charger
- \* USB / Video Cable
- \* Quick Guide
- \* Wrist Strap
- \* Tripod
- \* Pouch

The features and specification are subject to be changed without prior notice

