

## Product Information

### FULL HD AHD Z700 Extreme

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## AHD Z700 Extreme



### Product Features

- **FULL HD 1920x1080p** progressive 30fps
- **AVC H.264** video compression records high quality videos while maximizing the space in recording media
- **720p at 60fps and WVGA at 60fps** capture fast moving subjects precisely without delay or jerky effect
- **5X optical zoom with real-time auto focus**
- **Macro mode captures 1 cm close-up picture**
- **Reversible 7.6 cm (3.0") LTPS display**
- **Face detection and tracking**
- Embedded software for rapid **video sharing on YouTube**
- **Night mode** supports while recording in the lack of light
- **Extra external microphone jack**
- **Max. 10 pics/sec continuous shot**
- **Takes snapshot in video recording**
- **Microphone jack** for supporting external microphone
- **External memory slot from 256MB up to 32GB SD/SDHC/MMC**
- **Remote control** included
- **HDTV HDMI and NTSC/PAL composite AV-out**
- Also powered by AC adapter for long hour recording



### Specifications

<b>Model Code</b>	V5Z5FS
<b>Sensor Type</b>	5 mega-pixel (2592x1944) CMOS sensor, 1/2.5"
<b>Frame Rate at Video mode</b>	<b>FULL HD 1080p 30f</b> , 1920x1080, 30fps <b>HD 720p 60f</b> , 1280x720, 60fps; <b>HD 720p 30f</b> , 1280x720, 30fps <b>WVGA 60f</b> , 848 x 480 , 60fps ; <b>QVGA 30f</b> , 320x240, 30fps, iPod compatible
<b>Still Image Resolutions</b>	12M (4000x3000)/ 8M (3200x2400)/ 5M (2592x1944)/ 3M(2048x1536), 4:3
<b>File format</b>	AVC (Advanced Video Coding) H.264 (.MOV), JPEG
<b>Internal Memory</b>	40MB for storage
<b>External Memory</b>	SDHC/SD/MMC slot, from 256MB up to 32GB SDHC, card not included
<b>LCD Display</b>	270° 7.6 cm (3" in diagonal) LTPS LCD, 960x240 pixels
<b>Optical Zoom Lens</b>	5X Optical zoom with real-time auto focus
<b>Digital Zoom</b>	None in FULL HD mode; 4X in HD720p, WVGA and QVGA mode

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<b>Aperture Range</b>	F3.5~F3.7, f=6.8~34 mm
<b>Focus Range</b>	Macro focus: 1 cm ~80 cm, Normal: 80 cm ~ ∞
<b>Shutter Speed</b>	1~1/2000 sec.
<b>Flashlight</b>	Flash for Still Picture (Auto/On/Off)
<b>Anti-red Eyes (IGBT)</b>	Red-eye reduction
<b>Video Stabilization</b>	Electronic Image Stabilizer (E.I.S), for 720p 60fps and WVGA 60fps video mode
<b>Night Mode</b>	For both still image and video recording mode
<b>Continuous Shot</b>	Up to 10 pic/sec. (Notice: At night or in low light condition, pictures recorded per second will be reduced as longer exposure is required for each picture)
<b>Snapshot in Video*</b>	1 picture per second * Not available in FULL HD mode
<b>Face Recognition &amp; Tracking</b>	Yes, up to 3 people
<b>White Balance</b>	5 modes (Auto/ Sunny/ Cloudy/ Fluorescent/ Tungsten)
<b>Exposure Control</b>	Auto, EV: -2.0 ~ +2.0
<b>Special Effects</b>	3 modes (Normal / Black & White / Classic)
<b>Microphone</b>	Built-in stereo microphone and extra external microphone jack
<b>Speaker</b>	Yes, Mono
<b>TV Out</b>	HDMI and Composite out (NTSC/PAL)
<b>USB Interface</b>	USB 2.0
<b>Battery</b>	NP-60 1000 mAh Li-Ion rechargeable battery
<b>Dimensions</b>	120 x 84 x 48mm
<b>Weight</b>	188g (w/o battery)
<b>OSD Language</b>	EN/DE/FR/IT/ES/PT/NL/RU/SWE/TK
<b>Giftbox Language</b>	EN/DE/FR/IT/ES/PT/NL/PL/TR/RU
<b>Manual Language</b>	EN/DE/FR/IT/ES/PT/NL
<b>Package Content</b>	AHD Z700 Extreme, NP-60 battery, Power adapter, USB cable, HDMI cable, AV cable, Lens cap, Wrist strap, Remote control, Pouch, User's manual, Application software
<b>Software</b>	ArcSoft Total Media Extreme, ArcSoft Media Impression

### System Requirement

<b>OS</b>	Windows XP SP2/Vista or above
<b>FULL HD 30f HD 720p 60f</b>	CPU: Pentium 4, 3.2 GHz Core 2 Dual or above, System RAM: 1GB (2GB recommended) Graphics card: 256MB of RAM or above
<b>HD 720p 60f WVGA 60f QVGA 30f</b>	CPU: Pentium 4, 3.2GHz or above, System RAM: 512MB (1GB recommended) Graphics card: 256MB of RAM or above

### Logistic Data

<b>Dimension/Giftbox</b>	195x167x83 [mm]
<b>Weight/Giftbox</b>	930g
<b>Dimension/carton</b>	445x405x370mm
<b>Weight/carton</b>	Est. 11.5 kg
<b>AIPTEK-Art.Nr.</b>	400405
<b>EAN-Code</b>	4719851875045