


## Main specifications of α7000

<b>System</b>	Digital SLR camera with built-in flash and interchangeable lenses
<b>Camera type</b>	Sony α mount; compatible with Konica Minolta A-type bayonet mount
<b>Lens mount</b>	All α Sony lenses and Konica Minolta / MAXXUM / DYNAX lens
<b>Lens compatibility</b>	All α Sony lenses and Konica Minolta / MAXXUM / DYNAX lens
<b>Image Capture</b>	
<b>Image sensor type</b>	Exmor™ CMOS sensor
<b>Image sensor size</b>	23.5 x 15.6 mm (APS-C type)
<b>Total pixel number</b>	Approx. 13,053,000 pixels
<b>Effective pixel number</b>	Approx. 12,246,000 pixels
<b>Anti-Dust system</b>	Charge protection coating on low pass filter and image-sensor shift mechanism
<b>Recording</b>	
<b>Memory Stick</b>	Memory Stick Duo, Memory Stick PRO Duo, Memory Stick PRO-HG Duo
<b>Media</b>	CompactFlash card: Type I, Type II (UDMA / Microdrive)
<b>Slot</b>	Dual slot for Memory Stick Duo / CompactFlash
<b>File system</b>	FAT 12, 16, 32
<b>Image format</b>	JPEG, RAW (ARW 2.0 format), RAW + JPEG
<b>Image size</b>	RAW: 4288 x 2856, L (12M, 3:2): 4272 x 2848, M (6.4M, 3:2): 3104 x 2064, S (3.0M, 3:2): 2128 x 1424, L (10M, 16:9): 4272 x 2400, M (6.4M, 16:9): 3104 x 1744, S (2.6M, 16:9): 2128 x 1200
<b>Color space</b>	sRGB, Adobe RGB
<b>Noise reduction</b>	Long Exp. NR: On/Off, available at shutter speeds longer than 1 sec. High ISO NR: High / Normal / Low, available at ISO 1600 or higher
<b>Creative Style</b>	Base Styles: Standard, Vivid, Neutral, Adobe RGB User setting registration: 3 style boxes: Standard, Vivid, Neutral, Adobe RGB, Clear, Deep, Light, Portrait, Landscape, Sunset, Night view, Autumn leaves, BW, Sepia Adjustable items: Contrast (-3 to +3 steps), Saturation (-3 to +3 steps), Sharpness (-3 to +3 steps), Brightness (-3 to +3 steps), Zone Matching (-1 to +2 steps)
<b>D-Range Optimiser</b>	Mode: Off / Standard / Advanced: Auto / Advanced: Level Advanced level setting: 5 levels DR0 advanced bracketing: 3 frames, H/L selectable
<b>White Balance</b>	Auto, Daylight, Shade, Cloudy, Tungsten, Fluorescent, Flash Colour Temperature / Colour filter, Custom
<b>Mode</b>	Auto, Daylight, Shade, Cloudy, Tungsten, Fluorescent, Flash Colour Temperature / Colour filter, Custom
<b>Colour temperature</b>	2500 - 9900 K with 19-step Magenta / Green compensation
<b>White balance bracketing</b>	3 frames, H/L selectable
<b>Super SteadyShot System</b>	Image-sensor shift mechanism
<b>Capability</b>	Approx. 2.5 EV - 4 EV decrease in shutter speed (varies according to shooting conditions and lens used)
<b>Viewfinder</b>	
<b>Type</b>	Fixed eye-level system with optical glass type pentaprism
<b>Field of view</b>	95%
<b>Magnification</b>	0.9 x, with 50mm lens at infinity
<b>Eye relief</b>	Approx. 25 mm from the eyepiece, Approx. 21 mm from the eyepiece frame at -1 diopter
<b>Diopter adjustment</b>	-3.0 to +1.0 m <sup>-1</sup>
<b>Mirror</b>	Quick return mirror
<b>Focusing screen</b>	Spherical Acute Matte
<b>Auto Focus System</b>	
<b>Type</b>	(TTL) phase-detection system
<b>Sensor</b>	CCD line sensors
<b>No. of focus point</b>	11 points
<b>Sensitivity range</b>	0 EV to +18 EV (at ISO 100 equivalent)
<b>Focus mode</b>	Single-shot AF, Automatic AF, Continuous AF, Direct Manual Focus, Manual Focus
<b>Focus area</b>	Wide focus area (Auto 11 areas), Spot focus area, Local focus area (11 local areas, selection with the multi-selector)
<b>Eye-Start AF system</b>	On/Off selectable
<b>AF illuminator</b>	Type: built-in, LED Range: approx. 1 m - 7 m
<b>Auto Exposure System</b>	
<b>Type</b>	TTL metering
<b>Cell</b>	40-segment honeycomb-pattern SPC
<b>Range</b>	0 EV to 20 EV (-2 EV to +20 EV with Spot metering) (at ISO 100 equivalent with F1.4 lens)
<b>Mode</b>	Multi segment, Spot, Centre weighted
<b>Light metering</b>	
<b>Exposure setting</b>	Auto, Program AUTO (with Program Shift), Shutter priority, Aperture priority, Manual - Scene selection (Portrait, Landscape, Macro, Sports action, Sunset, Night view/portrait)
<b>Exposure compensation</b>	+/-3.0 EV, 0.3 EV / 0.5 EV steps selectable
<b>AE bracketing</b>	Bracket: Cont. / Bracket: Single, with 0.3 / 0.5 / 0.7 EV increments, 3/5 frames selectable
<b>ISO sensitivity (REI)</b>	AUTO: ISO 200 - 1600 (lower limit / upper limit selectable)
<b>ISO range</b>	ISO 100 - 3200 equivalent (Up to ISO 6400 can be set as expanded ISO range.)
<b>ISO steps</b>	1/3 EV step

<b>Flash</b>	
<b>Built-in flash system</b>	Manual popup: approx. GN 12 (in metres at ISO 100); coverage of up to 16 mm (in the focal length); approx. 3 sec. recycling time; flash-ready indicator
<b>Flash metering system</b>	ADI flash / Pre-flash TTL / Manual flash
<b>Flash mode</b>	Auto flash, Fill flash, Rear sync, Slow sync, Manual flash, Red-eye reduction, High speed sync (with external flash)
<b>Flash compensation</b>	+/-3.0 EV (0.3 / 0.5 EV steps selectable)
<b>Flash bracketing</b>	3/5 frames, 0.3 / 0.5 / 0.7 EV steps selectable
<b>External flash</b>	Sony α System flash Wireless control: available
<b>Shutter</b>	
<b>Type</b>	Electronically-controlled, vertical-traverse, focal-plane type
<b>Speed range</b>	1/6000 sec. - 30 sec., bulb
<b>Flash sync speed</b>	1/250 sec. (Super SteadyShot off), 1/200 sec. (Super SteadyShot on)
<b>Drive</b>	
<b>Drive mode</b>	Single-frame advance, Continuous advance (H/L selectable), Self-timer (10 sec. / 2 sec. delay, with mirror-up function)
<b>Continuous advance rate</b>	H: approx. 5 fps max., Lo: approx. 3 fps
<b>No. of frames recordable w/ continuous advance</b>	RAW: 18, cRAW (compressed): 25, RAW+JPEG: 12, cRAW+JPEG: 12, L/Fine JPEG (Extra Fine): 16, JPEG (Standard/Fine): until memory card is full (with 4GB memory card capacity) Performance depends upon memory card utilised
<b>Camera Function</b>	
<b>Depth-of-field preview</b>	Yes (by pressing Depth-of-field preview button)
<b>Auto review</b>	10 sec. / 5 sec. / 2 sec. / Off selectable
<b>LCD Monitor</b>	
<b>LCD screen size</b>	7.5 cm (3.0 type) TFT
<b>Total number of dots</b>	921,600 (640 x 3 (RGB) x 480) dots
<b>Field of view</b>	100%
<b>LCD brightness setting</b>	+/-5 steps
<b>Print</b>	
<b>Print function</b>	Exit Print, Print Image Matching III, PictBridge, DPOF setting
<b>Interface</b>	
<b>HDMI Out</b>	HDMI Type C minilock 1920 x 1080i 59.94/60 Hz, 1280 x 720p 59.94/50 Hz, 720 x 480p 59.94 Hz, 720 x 576p 50 Hz
<b>USB Out</b>	USB2.0 (Hi-Speed), USB Connecting (Mass Storage, PTP, Multi LUN)
<b>Sync terminal</b>	Adaptable to the sync. terminal of the opposite polarity
<b>Video Out</b>	NTSC / PAL selectable (in Menu)
<b>Remote Control</b>	
<b>Wired</b>	With optional RM-S1AM or RM-L1AM
<b>Wireless</b>	With RMF-DSLR1
<b>PC control</b>	Image data transfer and camera control with supplied software
<b>Power</b>	
<b>Power source</b>	Battery: Solely with the Rechargeable Battery Pack NP-FM500H (7.2 V) AC adapter: AC-V9000AM (optional) (7.6 V)
<b>Battery charger</b>	BC-VM10
<b>Battery life</b>	Approx. 660 shots (CIPA measurement)
<b>Power saving mode</b>	Shut down after 1 / 3 / 5 / 10 / 30 min
<b>Others</b>	<b>Dimensions (WxHxD)</b> Approx. 141.7 x 104.8 x 79.7 mm (ext. protrusions)
Specifications are based on the information at the time of printing and are subject to change without notice.	

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# α7000

## Digital SLR Camera



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