Main specifications of lpha900

Camera type	•	
Lens mount Lens compatibility Sony & clenses, Minolla and Konica Minolla AF lenses ¹³ Immogrations of Sony & Clenses, Minolla and Konica Minolla AF lenses ¹³ Immogrations of Sony & Clenses, Minolla and Konica Minolla AF lenses ¹³ Immogrations of Sony & Clenses, Minolla and Konica Minolla AF lenses ¹³ Immogrations of Sony & Clenses, Minolla and Konica Minolla AF lenses ¹³ Immogrations of Sony & Clenses, Minolla and Konica Minolla AF lenses ¹³ Immogrations of Sony & Clenses & Approx. 24.6 megapixels Approx. 25.7 megapixels Appert and 3.2 Anti-Dust function ISO sensitivity (secommended ISO Auto Range; ISO 200 – 1600, ISO 400 – 1600, ISO 400 – 800, ISO 200 – 800, ISO 200 – 300 in 13 EY steps (ISO 100 – 6400 can be set expanded ISO range) (secommended ISO Auto Range; ISO 200 – 1600, ISO 400 – 1600, ISO 400 – 800, ISO 200 – 800, ISO 200 – 400 selectable Recording Image format JPEG (OCF2.0 and Exif 2.21 compliant, DPOF supported), RAW (Sony ARW 2.1 format), RAW + JPEG - Aspect ratio 3.2> L size: 6048 x 4032 (24M), M size: 4400 x 2936 (13M), S size: 3024 x 2016 (6.1M) - Aspect ratio 16.9> L size: 6048 x 3408 (21M), M size: 4400 x 2472 (11M), S size: 3024 x 2104 (5.2M) - ARPS-G size capture> - L size: 9344 x 2566 (11M), M size: 4400 x 2472 (11M), S size: 3024 x 1704 (5.2M) - ARPS-G size capture> - L size: 9344 x 2566 (11M), M size: 2896 x 1928 (5.6M), S size: 1984 x 1320 (2.6M) Image quality modes Media Memory Slick Duo, Memory Slick PRO Duo, Memory Slick PRO-HG Duo, Compositriosh (Type 1 / Type II, LDMA Mode 5 compliant), Microbloop with the properties of the properties of the properties of the first properties of the properties of	System	
Lens compatibility Image Sensor Image Senso	Camera type	
Sensor type 35mm-film format (35.9 x 24.0 mm), Exmor** CMOS sensor		
Sensor type Sensor type Server type Serv		Sony $lpha$ lenses, Minolta and Konica Minolta AF lenses 13
Effective pixels Approx. 24.6 megapixels Total pixels Approx. 25.7 megapixels Approx. 25.7 megapixels Approx. 25.7 megapixels Aspect ratio 3:2 Anti-Dust function So sensitivity So 20.0 - 3200 in 10.8 ft ysteps (ISO 100 - 6400 can be set as expanded ISO range) (recommended ISO Auto Range; ISO 200 - 1600, ISO 400 - 1600, ISO 400 - 800, ISO 200 - 800, ISO 200 - 400 selectable ISO 200 - 400 selectable Image format JPEG (DCF2.0 and Ext 2.21 compliant), DPOF supported), RAW (Sony ARW 2.1 format), RAW + JPEG Cardiany Image size Aspect ratio 3:22- L size: 6048 x 4032 (24M), M size: 4400 x 2936 (13M), S size: 3024 x 2016 (6.1M) - Aspect ratio 16:99- L size: 6048 x 4032 (24M), M size: 4400 x 2472 (11M), S size: 3024 x 1704 (5.2M) - APS-C size captures - L size: 3984 x 2565 (11M), M size: 2490 x 1928 (5.6M), S size: 1984 x 1320 (2.6M) Image quality modes Media Media Memory Slick Duo, Memory Slick PRO Duo, Memory Slick PRO-HG Duo, Compactificish (Type I/ Type III, UDMA Mode 5 compliant), Microdrive Duol slid for Memory Slick Duo, Memory Slick PRO-HG Duo, Compactificish (Type I/ Type III, UDMA Mode 5 compliant), Microdrive Color space SRGB/Adobe RGB selectable from Recording Menu 13 image styles: Standard/Vivia/Twetardis/Clear/Deep/Light/Portrait/ Landscope/Sunser/Night Mew/Adurnal Leaves/RBAW/Sepia Adjustable parameter: Contrast / Saturation / Sharpness / Brightness / Zone Matching ¹⁴ 6 seltings can be registered Modes Old Advanced Bracketing: 3 frames, Hi / Lo selectable Modes Old Advanced Bracketing: 3 frames, Hi / Lo selectable Modes Old Feduration (2500 – 9900K) with color filter (19-step magenta / green compensation), Custom G seltings can be registered) Bracketing 3 frames, Hi / Lo level selectable Focus points Focus points Vide, Spot. Local (9cus of locus areas, selectable with multi selector) AF micro adjustment Vide, Spot. Local (9cus of locus areas, selectable with multi selector) Focus areas Vide, Spot. Local (9cus of locus areas, selectable with multi selector) Type: TTL metering Verti		05 (1) () (050 040) 5 (10000
Approx. 25.7 megapixels Aspect ratio 3.2 Aspect ratio Charge protection coating on low-pass filter, image-sensor shift mechanism SO 200 - 3200 in 1/3 EV steps (ISO 100 - 6400 can be set as expanded ISO range) (recommended ISO Auto Range; ISO 200 - 1600, ISO 400 - 1600, ISO 400 - 800, ISO 200 - 800, ISO 200 - 400 selectable ISO 200 - 400 ISO 200 - 400 ISO 200 - 400 selectable ISO 200 - 400		
Aspect ratio Anti-Dust function Charge protection coating on low-pass filter, image-sensor shift mechanism ISO sensitivity (recommended support of the protection coating on low-pass filter, image-sensor shift mechanism ISO 200 – 3200 in 1/3 EV steps (ISO 100 – 6400 can be set as expanded ISO range) (recommended support of the protection of the protecti		
Anit-Dust function ISO sensitivity ISO 200 – 3200 in 1/3 EV steps (ISO 100 – 6400 can be set as expanded ISO range) (recommended ISO Auto Range: ISO 200 – 1600, ISO 400 – 1600, ISO 400 – 800, ISO 200 – 800, ISO 20		
ISO 200 - 3200 in 1,3 EV sleps (ISO 100 - 6400 can be set as expanded ISO range) (recommended exposure index) ISO 200 - 400 selectable ISO 200 - 400 s		
(recommended exposure index) ISO 200 – 400 selectable SO 200 – 1600, ISO 400 – 800, ISO 200 – 800, ISO 200 – 800 selectable SO 200 – 400 selectable SO 200 selectable SO 200 – 400 selectable SO 200 selectable SO		
reposure index) ISO 200 - 400 selectable		
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Image format		100 200 100 0010010010
Aspect ratio 3:2> L size: 6048 x 4032 (24M), M size: 4400 x 2936 (13M), S size: 3024 x 2016 (6.1M) Aspect ratio 16:9> L size: 6048 x 3408 (21M), M size: 4400 x 2472 (11M), S size: 3024 x 1704 (5.2M) ASpect ratio 16:9> L size: 6048 x 3408 (21M), M size: 4400 x 2472 (11M), S size: 3024 x 1704 (5.2M) APS-C size capture> L size: 3984 x 2656 (11M), M size: 2896 x 1928 (5.6M), S size: 1984 x 1320 (2.6M) Image quality modes Extra Fine, Fine, Standard Media Memory Slick Duo, Memory Slick PRO Duo, Memory Slick PRO-HG Duo, CompactFlosh, Standard Media Slick Duo, Memory Slick PRO Duo, Memory Slick PRO-HG Duo, CompactFlosh, Selectable, workloble of shutter speeds longer than 1 sec. High ISO NR: High/Normal/Low/Off selectable of slot 1000 or higher Color space sk68/Adobe RG8 selectable from Recording Menu 13 image styles: Standard/Vivid/Neutral/Clear/Deep/Light/Portrait/ Landscape/Sunset/Night View/Autumn Leaves/B&W/Sepia Adjustable parameter: Contrast/ Saturation/Sharpness/ Brightness / Zone Matching14 6 settlings can be registered. Modes Off/Slandard/Advanced Auto/Advanced (Lv 1 to 5) DRO Advanced Bracketing: 3 frames, Hi / Lo selectable White Balance Auto, Daylight, Shade, Cloudy, Tungsten, Fluorescent, Flash Color Temperature (2500 – 9900K) with color filter (19-step magenta / green compensation), Custom (3 settlings can be registered) Modes Color Temperature (2500 – 9900K) with color filter (19-step magenta / green compensation), Custom (3 settlings can be registered) Flocus Control Type TIL phase defection system Sensor CCD line sensors No. of focus points Sensitivity range For 1 Reference of the points (specific points) (specific points) Sensitivity range For 2 Reference of the points (specific points) Focus control Flocus areas Wide, Spot, Local (9 local focus areas, selectable with multi selector) AF micro adjustment (+/- 20-step increments for up to 30 different lenses), predictive control, focus lock, Af illuminator (LED, Range: approx. 1 – 7 m. Auto / Off selectable) Exposure	Image format	JPEG (DCF2.0 and Exif 2.21 compliant, DPOF supported), RAW (Sony ARW 2.1 format), RAW + JPEG
Aspect ratio 16:9>		
L size: 6048 x 3408 (21M), M size: 4400 x 2472 (11M), S size: 3024 x 1704 (5.2M)		L size: 6048 x 4032 (24M), M size: 4400 x 2936 (13M), S size: 3024 x 2016 (6.1M)
L size: 6048 x 3408 (21M), M size: 4400 x 2472 (11M), S size: 3024 x 1704 (5.2M)	Image size	<aspect 16:9="" ratio=""></aspect>
L size: 3984 x 2656 (11M), M size: 2896 x 1928 (5.6M), S size: 1984 x 1320 (2.6M) RAW, cRAW (compressed), RAW & JPEG (Fine), cRAW (compressed) & JPEG (Fine), cRAW (compressed), RAW & JPEG (Fine), cRAW (compressed) &	illiage size	L size: 6048 x 3408 (21M), M size: 4400 x 2472 (11M), S size: 3024 x 1704 (5.2M)
RAW, CRAW (compressed), RAW & JPEG (Fine), cRAW (compressed) & JPEG (Fine), Extra Fine, Fine, Standard		<aps-c capture="" size=""></aps-c>
Media Memory Stick Duo, Memory Stick PRO Duo, Memory Stick PRO-HG Duo, CompactFlosh (Type I / Type II, UDMA Mode 5 compliant), Microdrive Card slot Dual slot for Memory Stick Druo, CompactFlosh, Selectable with Quick Navi or from Setup Menu Long exposure Nic On/Off selectable, available at shutter speeds longer than 1 sec. High ISO NR: High/Normal/Low/Off selectable at ISO 1600 or higher Color space sRGB/Adobe RGB selectable from Recording Menu 13 image styles: Standardd/Vivid/Neutral/Clear/Deep/Light/Portrait/ Landscape/Sunset/Night View/Autumn Leaves/R&W/Sepia Adjustable parameter: Contrast / Saturation / Sharpness / Brightness / Zone Matching¹4 6 settings can be registered. D-Range Optimizer DRO Advanced Bracketing: 3 frames. Hi / Lo selectable White Balance White Balance Modes: Off/Standard/Advanced Auto/Advanced (Lv 1 to 5) DRO Advanced Bracketing: 3 frames. Hi / Lo selectable White Balance Modes Color Temperature (2500 – 9900K) with color filter (19-step magenta / green compensation), Custom (3 settings can be registered) Bracketing 3 frames. Hi / Lo level selectable Focus Control Type TIL phase detection system Sensor CCD line sensors No. of focus points Sensitivity range EV 0 – 18 (at ISO 100) Modes Single-shot Af (AF-S), Automatic Af (AF-A), Continuous Af (AF-C), Direct Manual Focus (DMF), Manual Focus (MF) Focus areas Wide, Spot. Local (9 local focus areas, selectable with multi selector) Type: TIL metering Wetering Cell: 40-segment honeycomb-pattern SPC Range: EV 0 – 20 (EV 2 – 20 in spot metering mode) (at ISO 100) with F1.4 lens)		
Media Memory Stick Duo, Memory Stick PRO Duo, Memory Stick PRO-HG Duo, CompactFlosh (Type I / Type II, UDMA Mode 5 compliant), Microdrive Card slat Dual slot for Memory Stick Duo/CompactFlosh, selectable with Quick Navi or from Setup Menu Dual slot for Memory Stick Duo/CompactFlosh, selectable with Quick Navi or from Setup Menu Long exposure NR: On/Off selectable, available at shutter speeds longer than 1 sec. High ISO NR: High/Normal/Low/Off selectable or ISO 1600 or higher Color space SRGB/Adobe RGB selectable from Recording Menu 13 image styles: Standard/Vivid/Neutral/Clear/Deep/Light/Portrait/ Landscape/Sunset/Night View/Auturna Leaves/R&W/Sepia Adjustable parameter: Contrast/Sclauration/Sharpness/Brightness/Zone Matching¹4 6 settings can be registered. D-Range Optimizer Modes: Off/Slandard/Advanced Auto/Advanced (Lt 1 to 5) DRO Advanced Brocketing: 3 frames, Hi / Lo selectable White Balance White Balance White Balance Auto, Daylight, Shade, Cloudy, Tungsten, Fluorescent, Flash Color Temperature (2500 – 9900K) with color filter (19-step magenta / green compensation), Custom (3 settings can be registered) Bracketing 3 frames, Hi / Lo level selectable Focus Control Type TIL phase detection system Sensor CCD line sensors No. of focus points Sensitivity range EV 0 – 18 (at ISO 100) Modes Single-shot AF (AF-S), Automatic AF (AF-A), Continuous AF (AF-C), Direct Manual Focus (DMF), Manual Focus (MF) Focus areas Wide, Spot, Local (9 local focus areas, selectable with multi selector) Other features Type: TIL meterring Wetering Metering Meteri	Image quality modes	
Media CompactFlosh (Type I / Type II, UDMA Mode 5 compliant), Microdrive	mago quam, mouoo	
Card slot Dual slot for Memory Slick Dua/CompactFlash, selectable with Quick Navi or from Setup Menu Long exposure NP: On/Off selectable, available at shutter speeds longer than 1 sec. High ISO NR: High/Normal/Low/Off selectable at ISO 1600 or higher Sk6B/Adobe R6B selectable from Recording Menu 13 image styles: Standard/Vivid/Neutral/Clear/Deep/Light/Portrait/ Londscape/Sunset/Night Niew/Autrum Leaves/RBW/Sepia Adjustable parameter: Contrast/Saturation/Sharpness/Brightness/Zone Matching14 6 settlings can be registered. Modes: Off/Standard/Advanced Auto/Advanced (Lv 1 to 5) DRO Advanced Bracketing: 3 frames, Hi / Lo selectable White Balance Auto, Daylight, Shade, Cloudy, Tungsten, Fluorescent, Flash Color Temperature (2500 – 9900K) with color filter (19-step magenta / green compensation), Custom (3 settlings can be registered) Bracketing 3 frames, Hi / Lo level selectable Focus Control Type TIL phase detection system Sensor CCD line sensors No. of focus points Sensitivity range EY 0 – 18 (at 180 100) Modes Single-shot AF (AF-S), Automatic AF (AF-A), Continuous AF (AF-C), Direct Manual Focus (DMF), Manual Focus (MF) Focus areas Wide, Spot, Local (9 local focus areas, selectable with multi selector) Other features Exposure Wetering Metering Metering Metering Metering Metering Cell: 40-segment honeycomb-pattern SPC Range: EV 0 – 20 (EV 2 – 20 in spot metering mode) (at 180 100 with F1.4 lens)	Media	
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Auto, Daylight, Shade, Cloudy, Tungsten, Fluorescent, Flash Color Temperature (2500 – 9900K) with color filter (19-step magenta / green compensation), Custom (3 settings can be registered) Bracketing 3 frames, Hi / Lo level selectable Focus Sonitrol Type TIL phase detection system Sensor CCD line sensors No. of focus points Points (center dual-cross type) with 10 assist points Sensitivity range EV 0 – 18 (at 150 100) Modes Single-shot AF (AF-S), Automatic AF (AF-A), Continuous AF (AF-C), Direct Manual Focus (DMF), Manual Focus (MF) Focus areas Wide, Spot, Local (9 local focus areas, selectable with multi selector) AF micro adjustment (-/- 20-step increments for up to 30 different lenses), predictive control, focus lock, AF illuminator (LED, Range: approx. 1 – 7 m, Auto / Off selectable) Exposure Metering Cell: 40-segment honeycomb-pattern SPC Range: EV 0 – 20 (EV 2 – 20 in spot metering mode) (at 150 100 with F1.4 lens)	D-Range Optimizer	DRO Advanced Bracketing: 3 frames, Hi / Lo selectable
Color Temperature (2500 - 9900K) with color filter (19-step magenta / green compensation), Custom (3 settings can be registered)	White Balance	
Custom (3 settings can be registered) Bracketing 3 frames, Hi / Lo level selectable Flocus Control Type TIL phase detection system Sensor CCD line sensors No. of focus points 9 points (center dual-cross type) with 10 assist points Sensitivity range EV 0 – 18 (at ISO 100) Modes Single-shot AF (AF-S), Automatic AF (AF-A), Continuous AF (AF-C), Direct Manual Focus (DMF), Manual Focus (MF) Focus areas Wide, Spot, Local (9 local focus areas, selectable with multi selector) Other features focus lock, AF illuminator (LED, Range: approx. 1 – 7 m, Auto / Off selectable) Exposure Metering Cell: 40-segment honeycomb-pattern SPC Range: EV 0 – 20 (EV 2 – 20 in spot metering mode) (at ISO 100 with F1.4 lens)		
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Other features AF micro adjustment (+/- 20-step increments for up to 30 different lenses), predictive control, focus lock, AF filluminator (LED, Range: approx. 1 – 7 m, Auto / Off selectable) Exposure Type: TIL metering Metering Cell: 40-segment honeycomb-pattern SPC Range: EV 0 – 20 (EV 2 – 20 in spot metering mode) (at ISO 100 with F1.4 lens)	Focus areas	
tocus lock, AF illuminator (LED, Range: approx. 1 – 7 m, Auto / Off selectable) Type: TTL metering Cell: 40-segment honeycomb-pattern SPC Range: EV 0 – 20 (EV 2 – 20 in spot metering mode) (at ISO 100 with F1.4 lens)		
Type: TTL metering Cell: 40-segment honeycomb-pattern SPC Range: EV 0 - 20 (EV 2 - 20 in spot metering mode) (at ISO 100 with F1.4 lens)	Other features	
Type: TIL metering Cell: 40-segment honeycomb-pattern SPC Range: EV 0 – 20 (EV 2 – 20 in spot metering mode) (at ISO 100 with F1.4 lens)	Exposure	
Metering Cell: 40-segment honeycomb-pattern SPC Range: EV 0 – 20 (EV 2 – 20 in spot metering mode) (at ISO 100 with F1.4 lens)		Type: TTL metering
Range: EV 0 – 20 (EV 2 – 20 in spot metering mode) (at ISO 100 with F1.4 lens)	Motorina	Cell: 40-segment honeycomb-pattern SPC
Modes: Multi Segment, Center-weighted, Spot	meiellilä	
Modes: Auto, ProgramAuto (P, with program shift), Aperture priority (A), Shutter priority (S), Manual (M)		
Exposure compensation: +/-3 EV, 0.3 / 0.5 EV steps selectable	Exposure control	
Bracketing: 3/5 frames selectable, single or continuous selectable, 0.3/0. 5/0.7/2.015 EV steps selectable		Bracketing: 3/5 trames selectable, single or continuous selectable, 0.3/0.5/0.7/2.015 EV steps selectable

Viewfinder	
Туре	Fixed eye-level, pentaprism
Field coverage	Approx. 100 %
Magnification	Approx. 0.74 x (with 50mm lens at infinity, -1m ⁻¹)
Diopter adjustment	-3.0 to +1.0 m ⁻¹
Eye point	Approx. 20 mm from the eyepiece (at -1 m ⁻¹)
	Spherical acute matte screen (Type G). User-replaceable Type L (grid type) and
Focusing screen	Type M (super-spherical acute matte type) available (both types optional)
Area displayed	AF area, spot AF area, spot metering area, shooting area for aspect ratio 16:9, APS-C size area
	Flash compensation, flash charging, wireless flash, high-speed sync, manual focus, focus signal,
Other displays	shutter speed, aperture, EV scale, AE lock, shot-remaining counter, camera shake warning,
	SteadyShot scale, aspect ratio 16:9
Eyepiece shutter	Built in

Number of recordable frames for single media (Aspect ratio 3:2, image size L 24MB / M 13MB / S 6.1MB)

Memory Stick Duo™												
Capacity	2GB		4GB		8GB			16GB				
Quality	L	М	S	L	М	S	L	М	S	L	М	S
Standard	294	477	766	582	944	1517	1169	1896	3048	2369	3844	6179
Fine	196	334	582	388	662	1152	779	1330	2315	1579	2697	4694
Extra fine	85	152	275	168	302	545	339	606	1094	687	1229	2219
cRAW & JPEG	55	63	68	110	125	135	221	251	273	449	509	553
RAW & JPEG	41	45	48	81	89	95	164	180	191	333	365	388
cRAW	77		154		309		627					
RAW	52		103		208			423				

LCD Monitor	
Туре	3.0-inch ¹⁰ Extra Fine LCD
Total number of dots	921,600 dots
Coverage	100%
Brightness adjustment	Adjustable in +/- 5 steps
Preview	
Function	Intelligent Preview/Optical Preview selectable from menu
LCD Panel	
Displays	Shutter speed, aperture, exposure compensation, white balance, ISO sensitivity,
Displays	drive mode, battery remaining, remaining no. of recordable images, with illumination
Shutter	
Туре	Electronically-controlled, vertical-traverse, focal-plane type
Speed range	1/8000 to 30 sec., Bulb
Flash sync speed	1/200 sec. with SteadyShot INSIDE, 1/250 sec. without SteadyShot INSIDE
SteadyShot INSIDE® (Im	age Stabilization)
Туре	Image-sensor shift mechanism
Indications	SteadyShot scale and camera-shake warning in the viewfinder
Compensation effect	Equivalent to approx. 2.5 to 4 steps in shutter speeds
Compensation effect	(varies according to shooting conditions and lens used)
Flash Control	
External flash units	α system flash units (optional)
Control	ADI. Pre-flash TTI
Flash compensation	3/5 frames, +/- 3 EV (0.3/0.5 EV steps selectable)
Modes	Autoflash, Fill-flash, Rear Sync, Wireless , Slow Sync, High-speed Sync
Flash bracketina	3/5 frames, 0.3/0.5/0.7/2.015 EV step selectable
Sync terminal	Built in, adaptable to the sync terminal of the opposite polarity
Drive	bail in, dadplable to the synto terminal of the opposite polarity
Dilve	Single, Continuous (Hi/Lo selectable), Self-timer (10 sec. / 2 sec. delay selectable),
Modes	Mirror Lockup, Remote Commander
Continuous chooting crood	Hi: approx 5 frames per sec. (max.), Lo: approx. 3 frames per sec. (max.)
	Standard: 285, Fine: 105, Extra Fine: 11, RAW: 12, CRAW: 12, RAW & JPEG: 10, CRAW & JPEG: 10
Playback	Sidiludid. 205, Fille. 105, Exild Fille. 11, RAW. 12, CRAW. 12, RAW & JFEG. 10, CRAW & JFEG. 10
Playback	Cinale (with as without abasting information with 4 province (fallowing images
Modes	Single (with or without shooting information, with 4 previous / following images, RGB histogram & highlight/shadow warning), 4/9/25-frame index view,
Widues	
	enlarged display modes (max. zoom ratio: L size: 19x, M size: 14x, S size: 9.4x)
Interface	LICON O LIL Connect Many Change (MANK LINK (NTD/DO Donnets Constant
	USB2.0 Hi-Speed, Mass Storage/Multi LUN/PTP/PC Remote Control
Video output	NTSC/PAL selectable
HDMI output	HDMI mini connector, 1080i/720p/SD selectable (optional HDMI cable required)
Remote control	Wired control: Remote Commander RM-S1AM/RM-L1AM (optional)
	Wireless control: with supplied Remote Commander
Others	PhotoTV HD supported
Supported OS Environme	
Windows	Windows 2000 Professional/Windows XP/Windows Vista
Macintosh	Mac OS X (v. 10.13 or later)
Print	
Compatible standards	Exif Print, Print Image Matching III, PictBridge
Power	
Power source	One Rechargeable Battery Pack NP-FM500H, one CR2025 for Wireless Remote Commander
Battery performance	Approx. 880 shots (measured using CIPA standards)
External power source	AC Adaptor/Charger AC-VQ900AM (optional)
Oak and	

Specifications are based on the information available at the time of printing and are subject to change without notice.

 Dimension (WxHxD)
 Approx. 156.3 x 116.9 x 81.9 mm (6-1/8 x 4-5/8 x 3-1/4 in.) (excl. protrusions)

 Weight
 Approx. 850 g (1 lb 14 oz) (w/o battery, memory card, accessories)

 Operating temperature
 0 - 40 degrees C (32 - 104 degrees F)



The body cap of lpha900 uses polyamide 11 vegetable-based plastic derived from castor oil.

CompactFlash [™] card												
Capacity	2GB		4GB		8GB			16GB				
Quality	L	М	S	L	М	S	L	М	S	L	М	S
Standard	296	481	773	593	962	1547	1185	1922	3090	2370	3844	6180
Fine	197	337	587	395	675	1175	790	1348	2347	1580	2697	4694
Extra fine	86	153	277	172	308	555	343	614	1109	687	1229	2219
cRAW & JPEG	56	63	69	112	127	138	224	254	276	449	509	553
RAW & JPEG	41	45	48	83	91	97	166	182	194	333	365	388
cRAW		78			157			313			627	
RAW	52		105		211			423				

When you shoot with aspect ratio set to [16:9], or with APS/C size Capture function [On], you can record more frames than shown above However, when you record an image in RAW format with 16:9 aspect ratio, number of recordable frames is the same as with 3:2 aspect ratio. For further details, please visit our website and go to "Support."

²Stabilization effect varies according to lens and shooting conditions. 3Available in winter 2008/2009.

*Not waterproof or splashproof.

*D-Range Optimizer Advanced-use technology provided by Apical Limited.

Mac OS not supported.

⁷Compatible operating system: factory preinstalled only. ⁸64-bit editions and Starter (Edition) are not supported.

⁹Compatible Sony BRAVIA HDTV and HDMI cable (sold separately) required for PhotoTV HD viewing.

Specifications of the BRAVIA HDTV shown vary according to market region

OViewable area, measured diagonally.

¹¹Accepts high-speed CompactFlash UDMA, Memory Stick PRO-HG Duo[™], Memory Stick PRO Duo[™] and Memory Stick Duo media.

"For use with DSLR-A900, on application update is required.
Please access http://support.d-imaging.sony.co.jp/www/accy/gps/ for more information.

13DT lenses are not recommended for use with 35mm full-frame sensors due to their differing

image circle size, which may affect light metering accuracy in certain shooting situations.

14 Saturation cannot be set for B&W and Sepia.

15 2.0 EV bracketing limited to 3 frames.

16HVI-F58AM, HVI-F56AM, HVI-F42AM, HVI-F36AM supported

Sony, α , BIONZ, BRAVIA, Cyber-shot, Exmor CMOS Sensor, Handycam, InfoLITHIUM, Magic Gate, Memory Stick, Memory Stick Duo, Memory Stick PRO, Memory Stick PRO Duo, Memory Stick PRO-Buo, Netrue Station, S-Frame, SteadyShot INSIDE, VAIO, Xtra Fine LCD, and the Sony, BIONZ, Exmor CMOS Sensor, Full HD 1080, PhotoTV, Picture Station, S-Frame and VAIO logos are trademarks of Sony. PlayStation and the PlayStation logo are trademarks of Sony Computer Entertainment of America. Adobe is a trademark or registered trademark or Adobe Systems incorporated in the United States and/or other countries. Blu-ray Disc is a trademark. CompactFlosh is a trademark of SanDisk Corporation. HDMI, the HDMI logo and HIgh-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC. Intel, Intel Core, MMX and Pentium are trademarks or registered trademarks of Hitachi Global Storage Technologies in the United States and/or other countries. Microsoft, Windows and Windows Vista are trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries. All other trademarks of their respective owners. Features and respectively registered trademarks of their respective owners. Features and respectively respectively. specifications are subject to change without notice. Non-metric weights and measures are approximate. Screen images simulated.

Printed in USA CA649W



 α 900

35mm Full-Frame Digital SLR Camera





A celestial new standard in imaging

Introducing the Sony® α (alpha) DSLR-A900. A camera whose stellar image quality eclipses everything you have known before. At its heart is a 35mm full-frame Exmor™ CMOS sensor that represents the culmination of a dream. With 24.6-megapixel¹ resolution that captures details so fine, and color so rich and natural, you will never be satisfied with anything less again. The α 900 digital SLR from Sony.





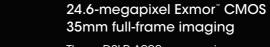




A breakthrough in digital imaging realism for ultra-fine detail and truly natural color

Images of singular beauty, from a sensor like no other

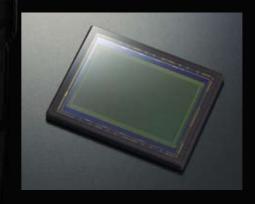
Only a company like Sony, with extended experience in semiconductor and microprocessor manufacturing, could have developed the α 900's remarkable new 24.6-megapixel¹ 35mm full-frame Exmor™ CMOS sensor. Designed specifically to take advantage of the superb power of the high-precision α series lenses, its high pixel count and large size assure enhanced image detail and a wider dynamic range that enables colors and subtle tonal gradations to be captured just as the human eye perceives them.



The lpha DSLR A900 camera image sensor is designed from the ground up for 35mm full-frame imaging, and is produced using proprietary Sony® planarization technologies to ensure an ultra-flat surface across the entire imaging area. Instead of a single analog/digital converter, the sensor uses over 6000 on-chip column-parallel analog/digital converters to convert analog signals to noise-resistant digital signals at the earliest possible stage. In addition, noise reduction is applied both before and after analog/digital conversion to ensure cleaner signal output. The result is not only higher image quality, but also blazingly fast sensor response.

Dual BIONZ" image processing for truly lifelike and natural color

Image processing on the lpha900 gets a big boost in speed and power from new Dual BIONZ image processing engines. As a result, the lpha900's massive amount of image data captured by the 24.6-megapixel Exmor CMOS sensor can be processed instantly, assuring you of quick shooting response and truly natural, what-you-see-is-what-you-get color and tonal gradation. In addition, the Dual BIONZ engines apply user selectable noise reduction algorithms twice — once prior to RAW data conversion and again during image processing — to ensure an absolute minimum of noise in final image data.





Faster, more powerful SteadyShot®INSIDE image stabilization

To match the larger size and higher image quality specifications of the)new 35mm full-frame Exmor CMOS sensor, the lpha 900 features a SteadyShot INSIDE image stabilization system that is 1.5x more powerful and 1.3x faster than our previous systems. Enabling you to enjoy handheld shooting at shutter speeds up to

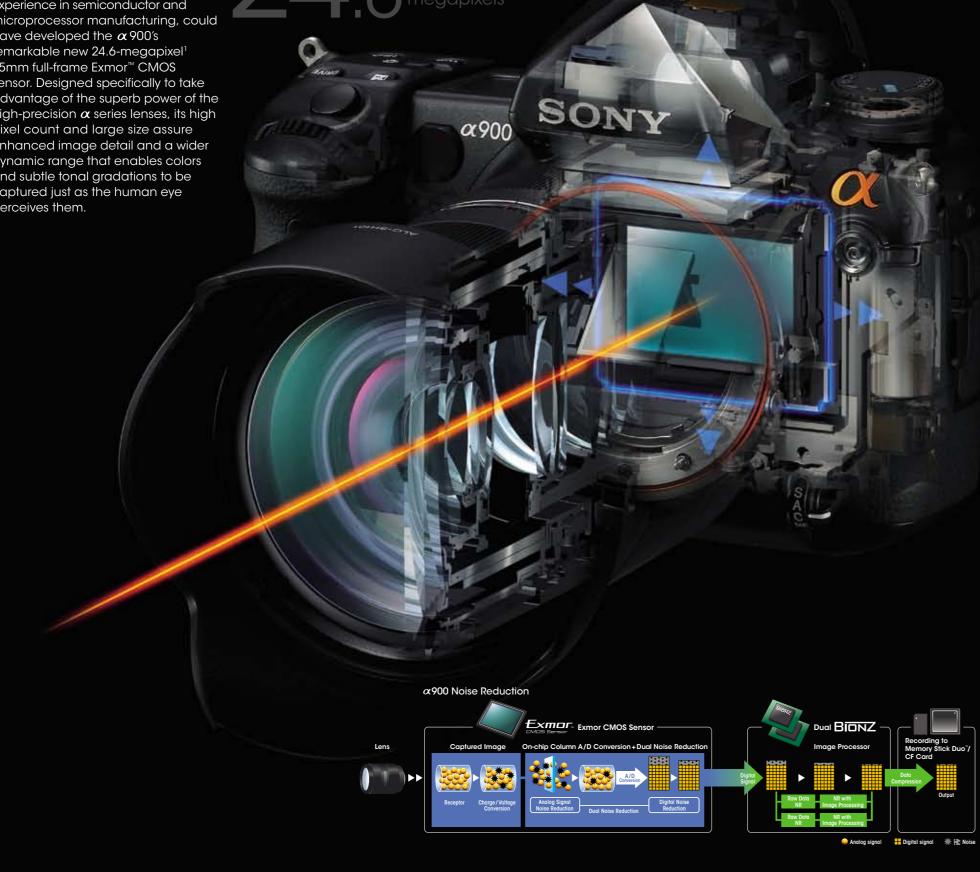
four steps slower than would otherwise be possible? The body-mounted SteadyShot INSIDE system works with all compatible α system lenses — including macro and wide-angle lenses — and doesn't cause the image degradation that can occur with lens-based optical stabilization systems.





SteadyShot INSIDE unit for 35mm full-frame format sensor SteadyShot INSIDE unit for APS-C format sensor

13



12

Optical excellence to satisfy the most demanding photographer

A lens for every need, to capture beauty in every shot

With the α 900 and its 24.6-megapixel 35mm full-frame CMOS sensor, you've got a camera system that can fully realize the performance potential of the world-class α lens lineup.

Drawing on the tradition of craftsmanship that gave birth to such optical innovations as ED (Extra-low Dispersion) and super ED glass, the α lens lineup also integrates the latest lens technologies developed for Sony professional broadcast-use

video cameras. It includes top-quality G series and Carl Zeiss® lenses crafted to the highest standards of optical precision, as well as a wide-ranging selection of fisheye, macro, STF (Smooth Trans Focus), and other high-performance lenses. Offering a lens for virtually every need, the α system lens lineup will continue to grow and evolve, presenting you with an ever-expanding universe of photographic creativity to explore.

G series lenses: the gold standard in performance

α system G series lenses are designed and constructed to the highest standards of optical excellence, and incorporate proprietary Sony technologies to maximize imaging performance. Precision-built to shrug off the elements and provide a lifetime of photographic pleasure, G lenses feature circular aperture mechanisms for smooth, attractive background defocusing, and make lavish use of high-quality aspherical and ED optical glass elements to assure superb clarity and sharpness.

Carl Zeiss lenses: world-class craftsmanship in every detail

Developed jointly by Sony and the world-famous lens-maker Carl Zeiss, these lenses are considered by many to be some of the finest lenses in the world. Top-quality optics with ED and super ED glass elements ensure unrivalled clarity, high contrast and resolving power, and superb defocusing characteristics, with true-to-life color and exceptionally rich tonal gradations and textural detail. In addition, lens elements feature proprietary T* coatings to reduce flaring and ghosting to an absolute minimum.





A bright, high-performance telephoto zoom lens with the light-gathering power of an F2.8 aperture, and an SSM autofocus drive system



70-400mm F4-5.6 G SSM (SAL70400G)

A powerful new G series super telephoto zoom lens with a quiet and responsive SSM (Super Sonic wave Motor) autofocus drive system.³



vario-Sonnar® T* 16-35mm F2.8 ZA SSM (SAL1635Z)

A bright super-wide to wide-angle zoom lens with super ED glass, high-precision Carl Zeiss lens, and an SSM autofocus drive system.³



Vario-Sonnar T* 24-70mm F2.8 ZA SSM (SAL2470Z)

An exceptionally versatile wide-angle to mid-range zoom lens with high-quality Carl Zeiss lens and an SSM autofocus drive system.

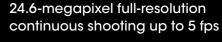




300mm F2.8 G (SAL300F28G; above) and Sonnar I* 133mm F1.8 ZA (SAL133F18Z; below,

Carl Zeiss





Full-resolution 24.6-megapixel imaging at speeds of up to about 5 fps is made possible by powerful Dual BIONZ™ image processing engines and a high-power coreless motor. In addition, a new high-speed moving-magnet actuator and parallel-link mechanism are used to drive the camera's large swing mirror, enabling you to enjoy virtually 100% view-finder coverage without sacrificing continuous shooting speed. So you can capture the perfect moment even when you're shooting sports or other active subjects, and still enjoy the rich color and exquisitely fine detail that are a hallmark of the α 900's 24.6-megapixel 35mm full-frame imaging.



SEC

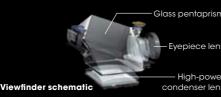


Unparalleled viewfinder brightness Optional focusing screens and a 100% field of view (approx.) to suit your shooting style

The α 900's viewfinder is a masterpiece According to your preference or of optical precision in its own right. Featuring a high-quality optical glass pentaprism and a new high-power condenser lens, it offers truly exceptional replaced with an optional Type L brightness, 0.74X magnification (approx.) spherical acute matte screen or and a field of view that covers virtually 100% of the 35mm full-frame sensor's large imaging area. A high refractive index glass eyepiece and condenser lenses virtually eliminate distortion, while multi-layer anti-reflective coatings F2.8 or greater, and features a highhelp prevent ghosting. A spherical acute matte focusing screen aids manual focusing by making it easy to identify correct focus, and a high eyepoint improves visibility when wearing eyeglasses.

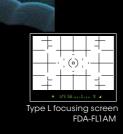
 α 900

shooting needs, the standard Type G spherical acute matte focusing screen that comes with the lpha 900 can be Type M super spherical acute matte screen. The L type features grid lines to enable easier framing, while the Type M is particularly well-suited to bright lenses with an aperture of dispersion screen that makes it easier to fine-tune the focus manually.



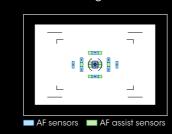
Super spherical acute matte





9-point autofocus system with additional wide-area 10-point assist

A versatile new center dual-cross 9-point AF sensor system provides fast, accurate autofocusing to ensure fewer missed shots. Featuring 10 additional sensors to assist in subject detection when Wide AF is selected, it also offers improved out-of-focus detection to reduce focus hunting, and has a dedicated sensor in the center of the frame to enhance accuracy when shooting at apertures of F2.8 or larger.







Screen images simulated.

17

The finest build quality, to match the finest imaging

Rugged, magnesium-alloy body for reliability and durability

The body of the lpha 900 reflects the same high quality and attention to detail as the images it delivers. Ruggedly constructed for years of dependable service, it features a front, back, and top made of strong, durable magnesium alloy, an interior chassis made of high-tensile aluminum, and a mirror box made of high-rigidity polycarbonate resin reinforced with carbon fibers. Superb balance, handling, design and finish of the exceptionally easy-to-hold grip reflect the experience Sony has in developing broadcast-use video cameras and camcorders.

High-endurance shutter unit for trouble-free shooting

Long-term reliability is also assured by a high-precision shutter unit that offers outstanding durability under heavy use. It's built to withstand the performance demands of 1/8000 sec. shutter speeds and up to 5 fps continuous shooting with a 35mm full-frame sensor and a standalone unit service life of 100,000 shutter release cycles (approx.).

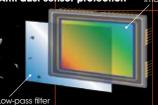


Worry-free outdoor shooting

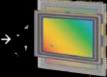
To allow worry-free shooting in adverse environmental conditions,4 the α 900's controls, terminals, viewfinder, and other sensitive components are protected from dust and moisture by rubber seals.



Anti-dust sensor protection for cleaner images







wearing gloves.

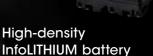
Intuitive control layout for enhanced operating ease

In addition to superb handling and balance, the lpha 900 also features an improved control layout for fast, intuitive operation. Essential settings are easy to adjust without taking your finger off the shutter button. All controls are comfortably positioned to allow trouble-free operation even when

Easy vertical-format shooting

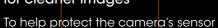
The optional VG-C90AM vertical grip enables you to enjoy the lpha 900's superb handling and operating ease even during vertical-format shooting. Featuring the same rugged and lightweight magnesium-alloy construction as the lpha 900, it's sealed against dust and moisture, 4 and has a full complement of buttons and switches for essential shooting functions. For increased shooting time, it holds two InfoLITHIUM (NP-FM500H) rechargeable batteries, automatically switching to the second one when the first one runs out.





The α 900 uses an advanced high-density InfoLITHIUM battery (NP-FM500H), and keeps you informed of current battery life by displaying remaining power in precise 1% increments on the camera's LCD monitor.

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from dust contamination that can occur when changing lenses, an anti-dust mechanism vibrates the sensor at high speed every time the camera is switched off. In addition, the low-pass filter in front of the sensor is protected by a special anti-static coating to help prevent dust adherence.

18

D-Range Optimizer

35mm F1.4 G (SAL35F14G), 1/250 sec., F5.6, ISO 200, white balance: daylight

D-Range Optimizer for rich tone gradations in high-contrast light

When photographing scenes that contain extremes of light and shadow, it can be difficult to capture the full range of tonal gradations that the human eye can see. But with the α 900's D-Range Optimizer function, the camera analyzes the scene for you, and automatically adjusts gradation reproduction parameters to assure optimum exposure balance, with richer highlight and shadow detail.

In Standard mode, the D-Range Optimizer analyzes the overall image before performing the optimization, and in Advanced mode,⁵ it analyzes each area of the composition separately. On the α 900, improved algorithms provide even better performance, with a choice of Advanced Auto and Advanced Level



D-Range Optimizer off



settings you can use to help you capture the level of highlight and shadow detail you want. In addition, there's a D-Range Optimizer bracketing function that records images at three different optimization levels to allow

best-shot selection.







Light and shadow are at your command

Manual exposure mode

3 high-precision metering modes for greater shooting versatility

The α 900 is equipped with a 40-segment honeycomb-pattern metering sensor that uses advanced algorithms to ensure balanced exposures under a wide range of lighting conditions. A convenient 3-way switch on the back of the camera allows you to choose between 40-segment honeycomb-pattern metering, centerweighted metering, or spot metering according to your shooting needs.





40-segment honeycomb-pattern metering











Program auto mode
A
Aperture priority mode
S
Shutter speed priority mode

Quick access to exposure modes.

Standard exposure modes accessible from the top-mounted mode dial include Program Auto, Aperture priority, Shutter-speed priority, Manual, and Auto.

Versatile white balance settings for superior color in any light

The α 900's versatile range of white balance settings can be instantly accessed via a button on the top of the camera. In addition to Auto white balance mode there are user-tunable presets for Daylight, Shade, Cloudy, Tungsten, Fluorescent, and Flash lighting, as well as an adjustable Color Temperature mode and three user-configurable Custom modes. White balance bracketing, which records a single frame at three different white balance settings, can also be set via the Drive mode menu for easy best-shot selection.

Exposure bracketing up to ±2EV for secure "best-shot" capture

Exposure bracketing can be set via the Drive mode button to enable best-shot selection from a series of images. In keeping with the α 900's high performance standards, the range of

selectable options includes 3-frame or 5-frame bracketing in 0.3EV, 0.5EV, or 0.7EV increments, as well as new 3-frame ±2EV bracketing that makes it easy to create stunningly realistic high dynamic range composite images.











Exposure effect simulation

Another advanced function introduced for the first time on the α 900 is Intelligent Preview. Using this function, you can simulate the effect of various D-Range Optimizer, exposure compensation, and white balance settings, and display the result on the LCD monitor without actually taking a picture. It's a great way to fine-tune image adjustments in advance when working with a tripod and complex shooting setups.





Simulation of Auto and Tungsten white balance mode effects.

Download from Www.Somanuals.com. All Manuals Search And Download.

Unlimited creativity and image control

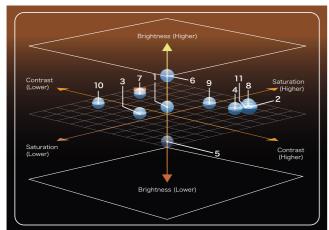


 $Vario-Sonnar\ T^*\ 16-35mm\ F2.8\ ZA\ SSM\ (SAL1635Z),\ 1/100sec.,\ F11,\ +0.7\ EV,\ ISO\ 200,\ white\ balance:\ daylight$

B/W Image Style

Creative Style

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Creative Style image matrix

In addition to the parameters shown in this diagram, each Creative Style setting also has a different effect on color reproduction, white balance, sharpness and tone curve, providing exceptionally fine control over the final image. (Selecting a different Creative Style setting will not produce the same results even if the basic brightness, contrast and saturation settings are the same.)

1) Standard, 2) Vivid, 3) Neutral, 4) Clear, 5) Deep, 6) Light, 7) Portrait, 8) Landscape, 9) Sunset, 10) Night view, 11) Autumn leaves





Night View Image Style

Express your personal vision

The α 900's Creative Style options are designed to make it easy for you to achieve your artistic and photographic goals. A total of 13 Image Styles is offered, and all of them can be customized to suit your preference. Adjustment parameters include contrast, saturation, sharpness, brightness and zone matching (no saturation adjustment on monochrome Sepia or B/W), enabling you to achieve the precise tonalities and artistic effect that your creative goals require.



Creative Style settings

Creative Sty	yle seπings
Standard	Rich tonal gradation and color; suitable for a wide range of subjects and scenes
Vivid	Heightened contrast and saturation; suitable for subjects such as flowers, sprin foliage, sky scenes and ocean views
Neutral	Attenuated saturation and sharpness; provides a neutral starting point for images that are to be post-processed
Clear	For clear images with limpid colors in the highlights; helps evoke a sense of radiant light
Deep	For images with deep and dense color; helps evoke a sense of depth and solidity
Light	For images with bright, uncomplicated color expression; helps evoke a light, refreshing ambience
Portrait	For images with rich, natural skin tones; ideal for portraits
Landscape	Heightened contrast, saturation and sharpness for crisp detail and vivid color; ideal for landscapes and scenic views
Sunset	Saturated reds for warm, beautiful images of the setting sun
Night view	Attenuated contrast for more faithful reproduction of night view tonalities
Autumn leaves	Saturated reds and yellows for scenic views of autumn foliage
B/W	For black and white images
Sepia	For monochromatic sepia-tone imaging



Image Data Converter SR for image conversion and editing

Powerful new Image Data Converter SR software enables quick, responsive conversion and editing of full-resolution 24.6-megapixel RAW data image files. It also features an intuitive new inteface for easy adjustment of exposure, white balance, contrast, hue, sharpness and tone curve. It also boasts an improved D-Range Optimizer function and a new Peripheral Illumination function that compensates for light fall-off at image corners caused by vignetting.



Image Data Lightbox SR for image comparison and sorting

Our Image Data Lightbox SR software for comparing, sorting, and organizing RAW and JPEG images has also been updated to offer faster thumbnail display, more filtering options, and improved compatibility with Remote Camera Control software. The enhanced filtering options now include the ability to sort by camera or lens model name, or by color label or user rating. In addition, support for drag & drop selection of images to be previewed or compared allows faster and more intuitive photo library management.



Remote Camera Control

Improved Remote Camera Control software expands your shooting horizons by enabling you to capture images remotely and record them directly on your computer's hard disk drive. A new interval recording function has also been added to the program's impressive feature set, which includes virtually all basic camera controls, as well as white balance, image quality, and D-Range Optimizer settings.



PMB (Picture Motion Browser) for easy photo library management

Offering an extremely easy and intuitive way to organize and browse your photo library, PMB is perfect for day-to-day image file management. Photos can be quickly organized into folders, tagged, ranked and titled to make them easier to find later on. In addition, a new Face Search function helps you locate other photos in your library in which a particular person appears.

System	r00	uirom	onto
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	PMB	Image Data Converter SR / Image Data Lightbox SR / Remote Camera Control				
	Windows Vista®	Microsoft Windows	Macintosh®			
O\$ ⁷	Windows 2000 Vista® / Windows XP SP3 / Windows Vista® SP1	Windows XP SP3 / Windows Vista SP1	Mac OS X (v 10.4 / v 10.5)			
CPU	Pentium [®] 4, or faster	Pentium 4, or faster	Power PC G4 / G5 Intel® Core™ (1.0gHz or faster recommended) Intel Core Solo / Core Duo / Core 2 Duo, or faster recomended			
Memory	256MB, or more	IGB, or more	IGB, or more			

Experience a new digital lifestyle



PhotoTW HD

Turn your Sony® BRAVIA® HDTV into a personal digital art gallery

For the ultimate experience in home viewing pleasure, simply connect the α 900 directly to a compatible Sony BRAVIA HDTV. The TV will automatically switch to PhotoTV HD mode, enabling you to enjoy and share your photos in a dramatic new way. It's a completely new viewing experience, one that combines the clarity, color fidelity and rich contrast of positive film with the big-screen impact of a slide projector.

From breathtaking scenic photos and landscapes to photos of your family and friends, BRAVIA PhotoTV HD brings out radiant beauty in every detail, filling the room with luminous, high-resolution images that launch photography into a new dimension. It's like having a digital art gallery right in your own living room.



Remote, camera, HDMI™ cable and HDTV all sold separately.



Enjoy the unlimited freedom of your own Sony digital network

Sony offers an ever-growing range of products to help you share and enjoy the beauty of high-definition digital imaging. From digital cameras and camcorders to Blu-ray Disc™ recorders, televisions and personal computers, the world of Sony digital networking gives you new ways to enjoy and interpret your photographic creativity.



VAIO® computers

With their powerful graphics-handling capabilities and ultra-sharp displays, Sony VAIO computers are an ideal choice for digital photography enthusiasts, and a great companion to the α 900.



Digital Photo Frames

Available in a variety of sizes and styles, Sony S-Frame™ digital photo

frames are the perfect way to enjoy an endlessly repeating, radiantly beautiful backlit slideshow of your favorite images at any time of day, in virtually any room in the house. Screen images simulated.

Attention to detail that makes shooting a breeze





Quick navigation for one-handed setting selection

A quick press of the Function (Fn) button on the rear of the α 900 switches the LCD monitor from standard information display to Quick Navi information display. From there, you can quickly adjust essential shooting parameters by operating the multi-selector with your thumb, or by rotating the front or rear control dial, enabling you to change settings on the fly without interrupting your creative flow.

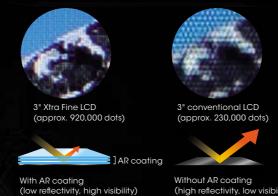
Instant access to your favorites settings

Up to three combinations of your frequently used modes and settings can be stored and accessed via the mode dial on the top of the camera. When you want to apply the settings again, simply select the corresponding number on the mode dial and you're ready to shoot.



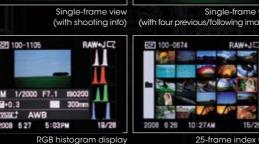












3-inch (10) Xtra Fine LCD™ display[®] for sharp, clear image review in any light

On-the-spot image review is easy thanks to a 3.0" Xtra Fine LCD monitor¹⁰ with a screen resolution of 270 ppi (approx.), which is even higher than the 220 ppi resolution generally considered to be the upper limit of what the human eye can perceive. Hybrid construction and an anti-reflective coating improve monitor visibility when shooting outdoors. There is a wide choice of index view options to facilitate best-shot selection, including a full-featured RGB histogram and shooting information display.

Easy access to frequently used menu settings

The Custom button on the rear of the camera is set to open the Creative Style menu by default, but it can be assigned to perform any of 15 other tasks according to your preference.



Lens-specific focus tuning with AF Micro Adjustment

With AF Micro Adjustment switched on, you can fine-tune the AF focus point for up to 30 different lenses in ±20-step increments. Adjustments can then be stored in the camera's memory and will automatically be applied when the same lens is mounted again.

Mirror Lockup mode

A Mirror Lockup mode enables you to prevent mirror movement when taking vibration-sensitive macro or high-power telephoto shots.



Built-in eyepiece shutter

The built-in eyepiece shutter prevents extraneous light from entering the eyepiece and skewing exposure values.



A backlit LCD panel on the top of the camera enables quick confirmation of battery level and frames remaining, and displays drive mode, shutter speed, aperture, and exposure compensation information whenever the corresponding setting is changed, and it is inconvenient to use the main LCD.

Adobe RGB color space support

In addition to the sRGB color space supported by virtually all computer monitors and modern inkjet printers, the α 900 supports the wider color gamut of the Adobe RGB color space that is used by many professional printers.



Dual memory card slots

Support for both CompactFlash® and Memory Stick Duo™ recording media¹¹ (both sold separately) enables you to load both types of media and switch between them via the Quick Navi information display.





Screen images simulated.



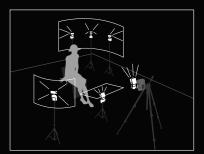
Illuminate your subject, and your creative spirit

The ultimate flexibility of **Quick Shift Bounce flash**

The lpha lighting system offers a full range of external flash units to suit virtually any shooting situation. At the top of the line stands the HVL-F58AM, a revolutionary new flash with a Quick Shift Bounce system that allows the head to pivot 90° left or right, enabling you to maintain correct camera/flash orientation during both horizontal and vertical format shooting. Class-leading GN58 (105mm, ISO100·m) power and 6-level zoom support a wide range of lenses, with auto-optimized flash coverage to enable use with both APS-C and 35mm full-frame sensors.

A host of advanced features, plus wireless multi-flash control

The powerful HVL-F58AM recharges in as little as 3 seconds with nickel metal hydride batteries (NiMH) and offers high-speed synchronization at speeds of up to 1/8000 of a second, as well as color temperature-based white balance compensation, ADI (Advanced Distance Integration) flash metering, and a large, easy-to-read LCD panel. It also comes with a mini-stand for wireless off-camera operation, and can be used to control sophisticated multi-flash setups comprising up to three flash groups, with automatic flash ratio calculation to ensure that each flash provides the precise amount of illumination needed to produce the results you want.



Three-group wireless multi-flash setup with flash ratio control

Group 1: on-camera flash unit and master control Group 2: off-camera flash units left front and center low Group 3: off-camera flash units right rear Flash ratio: 1 (Group 1): 4 (Group 2): 16 (Group 3)





HVL-F58AM

GN58 (105mm, ISO100•m) power with Quick Shift Bounce system, wireless multi-flash control, high-speed sync, built-in diffuser lens, wide panel and catch light sheet.



A versatile dual-head unit for macro shooting, with a low-power modeling of shadow formation.



HVL-F42AM

GN42 (105mm, ISO100•m) power with variable-angle head, wireless flash support, high-speed sync, built-in wide panel and detachable diffuser lens.



HVL-RLAM

A ring-shaped light for macro shooting, with full-circle output for shadowless contrast and depth.

Controls



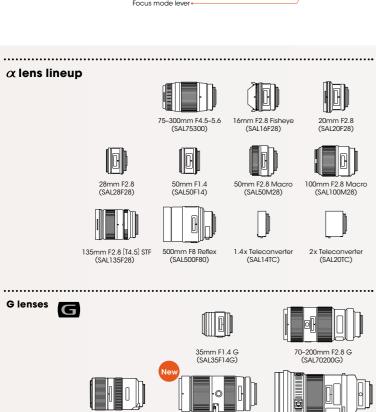


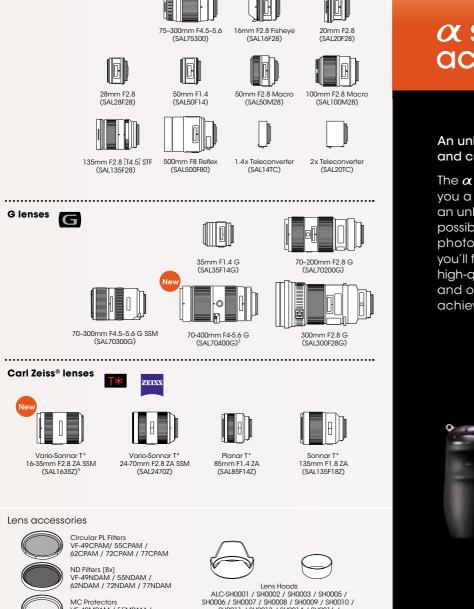
lpha lighting system

Macro Twin Flash Kit HVL-MT24AM

External Battery Adaptor for Flash FA-EB1AM

Off-Camera Cable for Flash FA-CC1AM







The lpha system is designed to offer you a lifetime of satisfaction and an unlimited range of exciting new possibilities to explore. Wherever your photographic interests lead you, you'll find an ever-growing lineup of high-quality α system lenses, flash units and other accessories to help you achieve your creative goals.









GPS Unit Kit GPS-CS1KA12 GPS-CS1KASP









Shoulder Strap STP-SB2AM

Shoulder Strap

STP-SH1AM

(Genuine leather)



Hot Shoe Adaptor FA-HS1AM

Sync Terminal Adaptor FA-ST1AM

Off-Camera Shoe for Flash FA-CS1AM

Triple Connector for Flash FA-TC1AM



Shoulder Strap STP-SB1AM

STP-SS2AM





Shooting accessories

Angle Finde FDA-A1AM

(Type M)

LCD Protect Cover

Eyepiece Cup FDA-EP4AM

Eyepiece Correctors FDA-ECF05 (+0.5) / ECF10 (+1.0) / ECF15 (+1.5) / ECF20 (+2.0) / ECF-30 (+3.0) / EDA-ECN10 (-1.0) / ECN20 (-2.0) / ECN30 (-3.0) / ECN40 (-4.0)

(Type L)

Commander RM-L1AM

Commander RMT-DSLR1



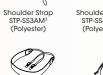
RM-S1AM











Shoulder Strap STP-SS1AM





Availability depends on areas

Lens accessories

30

16-35mm F2.8 ZA SSM

(SAL1635Z)3

Carl Zeiss® lenses



VF-49MPAM / 55MPAM /

62MPAM / 72MPAM / 77MPAM

70-300mm F4.5-5.6 G SSM



Planar T* 85mm F1.4 ZA

(SAL85F14Z)

(SAL135F18Z)

Lens Hoods ALC-SH0001 / SH0002 / SH0003 / SH0005 / SH0006 / SH0007 / SH0008 / SH0009 / SH0010 / SH0011 / SH0013 / SH0014 / SH0016 /

and creative possibilities to explore.

Memory cards



GPS units

Memory Stick Duo™ Series Memory Stick PRO Duo™ Series Memory Stick PRO-HG Duo™ Series

CompactFlash® Card NCFB / NCFC / NCFD Series



BRAVIA

Shoulder Strap STP-SH2AM



S-Frame Digital Photo Frames



-picture5tation Picture Station™ Digital Photo Printers



The Sony digital network for beautiful imaging

24-70mm F2.8 ZA SSM

(SAL2470Z)







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