

# PowerShot A495 PowerShot A490

10.0 MEGA PIXELS  
3.3x OPTICAL ZOOM  
2.5" LCD



DiGiC III

## Amp Up the Creativity.

- Easy to use and powerful camera has 10.0 Megapixels and 3.3x Optical Zoom.
- Smart AUTO selects the proper camera settings based on 18/13 predefined shooting situations. (A495/A490)
- Low Light mode for improved shooting in dimly-lit situations.
- A495 comes with Super Vivid for additional bursts of color, and Poster Effect for a unique artistic look.
- Large, clear 2.5-inch LCD makes taking and viewing images a breeze.

Let your imagination run free with the PowerShot A495/A490. Their shooting modes let you shoot where your creative muse takes you. With new Scene Modes, now you can easily explore every artistic angle.



Smart AUTO

### Basic Features and Functions



### Shooting Modes



\*A495 Only



**Supplied Accessories** • PowerShot A495/A490 Body • AA-size Alkaline Battery (x2) • Wrist Strap WS-800 • Digital Camera Solution CD-ROM • USB Interface Cable IFC-400PCU\*\* • AV Cable AVC-DC300\*\*



\*\* Also available as optional accessory.  
†† SDXC Logo is a Trademark of SD-3C, LLC.

## POWERSHOT ICON CHART

### PowerShot Features

<b>DIGIC 4</b> DIGIC 4	<b>DIGIC III</b> DIGIC III	<b>CMOS</b> CMOS Sensor	<b>iSAPS</b> iSAPS	<b>Optical Image Stabilizer</b>
<b>UA Lens</b>	<b>RAW</b> RAW	<b>NR</b> Noise Reduction	<b>Digital Tele Converter</b>	<b>VGA 30 fps Movie</b>
<b>HD Movie</b>	<b>16-BIT AUDIO</b> 16-bit Audio	<b>STEREO SOUND</b> Stereo Sound	<b>Blink Detection</b>	<b>Motion Detection</b>
<b>Face Detection Self-timer</b>	<b>Face Detection</b>	<b>Red-eye Correction</b>	<b>Multi-Point AiAF</b>	<b>FlexiZone AF/AE</b>
<b>MF</b> Manual Focus	<b>AEB</b> Auto Exposure Bracketing	<b>CONTINUOUS SHOOTING AF</b> Continuous Shooting AF	<b>Continuous Shooting</b>	<b>My Colors</b>
<b>16:9 WIDESCREEN</b> 16:9 Widescreen	<b>NIGHT DISPLAY FUNCTION</b> Night Display Function	<b>Flash Exposure Compensation</b>	<b>Manually Adjustable Flash</b>	<b>Safety Shift</b>
<b>SAFETY ZOOM</b> Safety Zoom	<b>WB SELECT</b> White Balance Selector	<b>ISO</b> ISO	<b>WIDE ANGLE</b> Wide Angle Lens	<b>Intelligent Orientation Sensor</b>
<b>HISTOGRAM</b> Histogram	<b>RT HISTOGRAM</b> Real-Time Histogram	<b>Movie Editing</b>	<b>My Category</b>	<b>Sound Memos</b>
<b>MUTE</b> Mute Mode	<b>LANG.</b> Multi-Language Support			





### Accessories (Available as optional accessory.)



### Shooting Modes

<b>Smart AUTO</b> Smart AUTO	<b>AUTO</b> Auto	<b>Auto</b> Auto	<b>Low Light</b> Low Light	<b>Quick</b> Quick
<b>Easy</b> Easy	<b>P</b> Program	<b>Av</b> Aperture Priority	<b>TV</b> Shutter Speed Priority	<b>M</b> Manual
<b>Manual</b> Manual	<b>C</b> Custom	<b>Portrait</b> Portrait	<b>Landscape</b> Landscape	<b>Sports</b> Sports
<b>SCN</b> Special Scene Mode	<b>Foliage</b> Foliage	<b>Snow</b> Snow	<b>Beach</b> Beach	<b>Sunset</b> Sunset
<b>Fireworks</b> Fireworks	<b>Aquarium</b> Aquarium	<b>Underwater</b> Underwater	<b>ISO 3200</b> ISO 3200	<b>Indoor</b> Indoor
<b>Kids &amp; Pets</b> Kids & Pets	<b>Night Scene</b> Night Scene	<b>Night Snapshot</b> Night Snapshot	<b>Long Shutter</b> Long Shutter	<b>Creative Light Effect</b> Creative Light Effect
<b>Smart Shutter</b> Smart Shutter	<b>Face Detection Self-timer</b> Face Detection Self-timer	<b>Fisheye Effect</b> Fisheye Effect	<b>Miniature Effect</b> Miniature Effect	<b>Super Vivid</b> Super Vivid
<b>Poster Effect</b> Poster Effect	<b>Super Macro</b> Super Macro	<b>Digital Macro</b> Digital Macro	<b>Color Accent</b> Color Accent	<b>Color Swap</b> Color Swap
<b>Nostalgic</b> Nostalgic	<b>Stitch Assist</b> Stitch Assist	<b>High-Speed Burst</b> High-Speed Burst	<b>Super Slow Motion Movie</b> Super Slow Motion Movie	<b>Movie</b> Movie

**POWERSHOT SPECIFICATION CHART**

	PowerShot SD940 IS	PowerShot SD1300 IS	PowerShot A3100 IS/A3000 IS	PowerShot A495/A490
				
<b>Type</b>	Compact digital still camera w/built-in flash, 4x Optical & 4x Digital & 16x Combined Zoom	Compact digital still camera w/built-in flash, 4x Optical & 4x Digital & 16x Combined Zoom	Compact digital still camera w/built-in flash, 4x Optical & 4x Digital & 16x Combined Zoom	Compact digital still camera w/built-in flash, 3.3x Optical & 4x Digital & 13x Combined Zoom
<b>Image Capture Device</b>	12.1 Megapixel 1/2.3" CCD	12.1 Megapixel 1/2.3" CCD	12.1 Megapixel 1/2.3" CCD	10.0 Megapixel 1/2.3" CCD
<b>Resolution (Recording Pixels) Still Image</b>	4000 x 3000 (Large), 3264 x 2448 (Medium 1), 2592 x 1944 (Medium 2), 1600 x 1200 (Medium 3), 640 x 480 (Small), 4000 x 2248 (Widescreen)	4000 x 3000 (Large), 3264 x 2448 (Medium 1), 2592 x 1944 (Medium 2), 1600 x 1200 (Medium 3), 640 x 480 (Small), 4000 x 2248 (Widescreen), 1600 x 1200 (Low Light)	4000x3000 (Large), 3264x2448 (Medium 1), 2592x1944 (Medium 2), 1600x1200 (Medium 3), 640x480 (Small), 4000x2248 (Widescreen), 1600x1200 (Low Light)	3648 x 2736 (Large), 2816 x 2112 (Medium 1), 2272 x 1704 (Medium 2), 1600 x 1200 (Medium 3), 640 x 480 (Small), 3648 x 2048 (Widescreen), 1600 x 1200 (Low Light)
<b>Resolution (Recording Pixels) Movie</b>	1280 x 720 at 30 fps, 640 x 480 at 30 fps, 320 x 240 at 30 fps available up to 4GB or approx. 60 min. (10min. for HD) per clip	640 x 480 at 30 fps/30 fps LP, 320 x 240 at 30 fps available up to 4GB or approx. 60 min. per clip	640 x 480 at 30 fps/30 fps LP, 320 x 240 at 30 fps available up to 4GB or approx. 60 min. per clip	640 x 480 at 30 fps/30 fps LP, 320 x 240 at 30 fps available up to 4GB or approx. 60 min. per clip
<b>ISO Sensitivity*</b>	Auto, ISO 80/100/200/400/800/1600	Auto, ISO 80/100/200/400/800/1600	Auto, ISO 80/100/200/400/800/1600	Auto, ISO 80/100/200/400/800/1600
<b>Image Quality Modes</b>	JPEG: Normal, Fine	JPEG: Normal, Fine	JPEG: Normal, Fine	JPEG: Normal, Fine
<b>Image Compression</b>	Still Image: JPEG (Exif. 2.2 compliant); Movie: MOV (Image: H.264; Audio: Linear PCM (Monaural))	Still Image: JPEG (Exif. 2.2 compliant); Movie: AVI (Image: Motion JPEG; Audio: WAVE (Monaural))	Still Image: JPEG (Exif. 2.2 compliant); Movie: AVI (Image: Motion JPEG; Audio: WAVE (Monaural))	Still Image: JPEG (Exif. 2.2 compliant); Movie: AVI (Image: Motion JPEG; Audio: WAVE (Monaural))
<b>HD Movie Support / HDMI Terminal</b>	720 HD/Yes	No/No	No/No	No/No
<b>Recording Media</b>	SD/SDHC Memory Card, MultiMediaCard, MMC Plus Card, HC MMC Plus Card	SD/SDHC/SDXC Memory Card, MultiMediaCard, MMC Plus Card, HC MMC Plus Card	SD/SDHC/SDXC Memory Card, MultiMediaCard, MMC Plus Card, HC MMC Plus Card	SD/SDHC/SDXC Memory Card, MultiMediaCard, MMC Plus Card, HC MMC Plus Card
<b>Shooting Modes</b>	Auto, P, Portrait, Foliage, Snow, Beach, Sunset, Fireworks, Aquarium, Underwater, ISO 3200, Long Shutter, Indoor, Kids & Pets, Night Snapshot, Color Accent, Color Swap, Digital Macro, Stitch Assist, Movie. Continuous (approx. 0.8 fps)	Auto, P, Portrait, Night Snapshot, Kids & Pets, Indoor, Low Light, Face Detection Self-timer, Beach, Underwater, Foliage, Snow, Fireworks, Long Shutter, Movie. Continuous (approx. 0.9 fps)	Auto, P, Easy, Portrait, Landscape, Night Snapshot, Kids & Pets, Indoor, Scene (Face Detection Self-timer, Low Light, Super Vivid, Poster Effect, Beach, Foliage, Snow, Fireworks, Long Shutter), Movie. Continuous (approx. 0.8 fps)	Auto, P, Scene (Portrait, Night Snapshot, Kids & Pets, Indoor, Low Light, Super Vivid, Poster Effect, Beach, Foliage, Snow, Fireworks, Long Shutter), Movie. Continuous (approx. 0.9 fps)
<b>My Colors</b>	Vivid, Vivid Blue, Vivid Green, Vivid Red, Neutral, Sepia, B/W, Positive Film, Lighter Skin Tone, Darker Skin Tone, Custom	Vivid, Neutral, Sepia, B/W, Custom	Vivid, Neutral, Sepia, B/W, Custom	Vivid, Neutral, Sepia, B/W, Custom
<b>Playback Modes</b>	Still Image: Single, Magnification (approx. 2x–10x), Jump, Auto Rotate, Rotate, Resume, My Colors, My Category, Transition Effects, Histogram, Index (4–130 thumbnails), Slide Show, Red-eye Correction, Resize, Trimming; i-Contrast, Movie: Normal Playback, Special Playback, Auto Rotate, Resume	Still Image: Single, Magnification (approx. 2x–10x), Jump, Auto Rotate, Rotate, Resume, Transition Effects, Histogram, Index (4–130 thumbnails), Slide Show, Red-eye Correction, Resize, i-Contrast, Movie: Normal Playback, Special Playback, Resume	Still Image: Single, Magnification (approx. 2x–10x), Jump, Auto Rotate, Rotate, Resume, Transition Effects, Histogram, Index (4–130 thumbnails), Slide Show, Red-eye Correction, Resize, Focus Check, Overexposure Warning, Easy; Movie: Normal Playback, Auto Rotate, Resume, Easy, Edit (A3100 IS only)	Still Image: Single, Magnification (approx. 2x–10x), Jump, Rotate, Resume, Transition Effects, Histogram, Index (4–130 thumbnails), Slide Show, Red-eye Correction, Resize, Focus Check, Overexposure Warning; Movie: Normal Playback, Resume
<b>Interfaces</b>	USB 2.0 Hi-Speed; AV Output (NTSC/PAL selectable, Monaural Audio), Mini-HDMI Connector, SD Memory Card slot, direct connection to Canon SELPHY, PIXMA Photo Printers & PictBridge compatible printers	USB 2.0 Hi-Speed; AV Output (NTSC/PAL selectable, Monaural Audio), SD Memory Card slot, direct connection to Canon SELPHY, PIXMA Photo Printers & PictBridge compatible printers	USB 2.0 Hi-Speed; AV Output (NTSC/PAL selectable, Monaural Audio), SD Memory Card slot, direct connection to Canon SELPHY, PIXMA Photo Printers & PictBridge compatible printers	USB 2.0 Hi-Speed; AV Output (NTSC/PAL selectable, Monaural Audio), SD Memory Card slot, direct connection to Canon SELPHY, PIXMA Photo Printers & PictBridge compatible printers
<b>Lens</b>	5.0–20mm f/2.8–5.9 zoom Optical Image Stabilizer lens (equiv. to 28–112mm in 35mm format)	5.0–20.0mm f/2.8–5.9 zoom Optical Image Stabilizer lens (equiv. to 28–112mm in 35mm format)	6.2–24.8mm f/2.7–5.6 zoom Optical Image Stabilizer lens (equiv. to 35–140mm in 35mm format)	6.6–21.6mm f/3.0–5.8 zoom lens (equiv. to 37–122mm in 35mm format)
<b>Shutter Speed</b>	15–1/1500 sec.; Long Shutter operates with Noise Reduction when manually set at 1.3–15 sec.	15–1/1500 sec.; Long Shutter operates with Noise Reduction when manually set at 1.3–15 sec.	15–1/1600 sec.; Noise Reduction available when manually set at 1.3–15 sec.	15–1/2000 sec.; Noise Reduction available when manually set at 1.3–15 sec.
<b>Focus Range</b>	Normal AF: 1.0 ft./30cm–infinity (W), 1.6 ft./50cm–infinity (T); Macro AF: 1.2 in.–1.6 ft./3–50cm (WIDE); Digital Macro: 1.2–3.9 in./3–10cm (WIDE)	Normal AF: 1.2 in./3cm–infinity; Macro AF: 1.2 in.–1.6 ft./3–50cm (WIDE), 1.6 ft./50cm–infinity (TELE)	Normal AF: 1.2 in./3cm–infinity; Macro AF: 1.2 in.–2.0 ft./3–60cm (WIDE), 12 in.–2.0 ft./30–60cm (TELE)	Normal AF: 2.0 in./5cm–infinity; Macro AF: 0.4 in.–1.6 ft./1–50cm (WIDE), 9.8 in.–1.6 ft./25–50cm (TELE)
<b>Light Metering System</b>	Evaluative, Center-weighted average, Spot	Evaluative, Center-weighted average, Spot	Evaluative, Center-weighted average, Spot	Evaluative, Center-weighted average, Spot
<b>Exposure Control</b>	Program AE, i-Contrast; AE lock	Program AE, i-Contrast; AE lock	Program AE, i-Contrast; AE lock	Program AE, i-Contrast; AE lock
<b>Exposure Compensation</b>	±2 stops in 1/3-stop increments	±2 stops in 1/3-stop increments	±2 stops in 1/3-stop increments	±2 stops in 1/3-stop increments
<b>White Balance Control</b>	Auto, Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom	Auto, Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom	Auto, Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom	Auto, Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom
<b>Viewfinder</b>	No	No	No	No
<b>LCD Monitor</b>	2.7" TFT color LCD	2.7" TFT color LCD	2.7" TFT color LCD	2.5" TFT color LCD
<b>Print/Share Button</b>	No	No	No	No
<b>Power Sources</b>	Rechargeable Lithium-ion Battery NB-4L, AC Adapter Kit ACK-DC10	Rechargeable Lithium-ion Battery NB-6L, AC Adapter Kit ACK-DC40	Rechargeable Lithium-ion Battery NB-8L, AC Adapter Kit ACK-DC60	2 AA-size Alkaline/Ni-MH Battery NB3-AH, AC Adapter Kit ACK800
<b>Dimensions (W x H x D)</b>	3.52 x 2.16 x 0.79 in./89.5 x 54.9 x 20.0mm	3.56 x 2.20 x 0.83 in./90.5 x 55.8 x 21.2mm	3.83 x 2.29 x 1.11 in./97.2 x 58.2 x 28.1mm	3.68 x 2.43 x 1.20 in./93.5 x 61.7 x 30.6mm
<b>Weight (including the battery &amp; memory card)</b>	Approx. 4.94 oz./140g	Approx. 4.94 oz./140g	Approx. 5.47 oz./155g	Approx. 6.17 oz./175g

Specifications