

# C205L Camera Spec Sheet



Item	Specification		Remark	
<b>Component</b>				
Sensor	SONY 20M CCD ICX801			
	Effective Pixel	5184(H)*3888(V) approx. 20.16M pixels		
	Total Pixel	5244(H)*3906(V) approx. 20.48M pixels		
	Aspec ratio	4:3		
Lens	Type	Mechanical and Electronic shutter		
	Construction	6 groups, 6 elements ; 2 glass lens, 4 plastic lens		
	Focal Length	4.6 ( W ) - 23 ( T ) mm		
	35mm equivalent focal length	26mm~130mm		
	Focus mode ( Left Key Mode)	AF (Auto Focus) / Macro / Super Macro / Infinity / MF (Manual Focus)		
	Range	Normal	Still mode	Wide 5 cm ~ infinite Tele 60 cm ~ infinite
			Movie mode	30cm~infinite
		Macro	5cm ~ Infinity	
		Super Macro	3 cm ~ ∞ (wide 1)	
	Aperture	Wide: F 3.2 ; Tele: F 6.4		
LCD Monitor	Display	2.7" LCD Pannel 230K QVGA		
	Number of dots	960 (W) x 240 (H)=230K		
	Dot arrangement	R, G, B delta		
DSP	iCatch K33			
Microphone	Built-In			
Speaker	Built-In			
Assist Lamp	none			
Storage ( on board )	512 Mbit flash Memory (64MB)			
Storage ( real size for mass storage )	25MB			
Exteral Card support	SD ( up to 2GB ) ; SDHC (up to 32GB) ; SDXC ; UHS -1 speed card			
Continuous (Right Key Mode)	Single Shot / Burst / Speedy Burst / GIF			
Flash Strobe (down key)	Modes	Auto / Red-eye Reduction / Forced On / Slow Sync / Forced Off		
	Range	Wide	Operating Range 0.5 ~ 3m @ ISO Auto	
		Tele	Operating Range 0.5 ~ 1m @ ISO Auto	
		Max. ISO 800 under Auto mode		
	Guide No.	Guide No: 3.8@ 1m / ISO 100 (Main flash) (Typical)		
Recharging Time	Full(4.2V) recharge ≤ 5s, low(3.7V) recharge ≤ 6s			
AE/AF LOCK (Up Key Mode)	AE-L / AF-L / AE-L & AF-L		Show this function only when use Program mode.	
<b>Power</b>				
Power Supply	Battery	Li-ion battery 3.7V, 700mAh		
Battery Support Life	200 shots, with full battery under CIPA criteria			
Battery Level	Full ->2/3 of capacity : 65%±15% 2/3 ->1/3 of capacity : 25%±15% 1/3 ->Empty of capacity: 10%±10%			
RTC	Yes, Charge 2 hrs, Backup 12 hrs			
Power Saving ( suspend )	1min / 3min / 5 min / Off			
LCD Brightness	Auto / Bright / Normal			

Still Function Recording				
Special Scene	Scene Mode	Intelligent Scene / Program / Portrait / Landscape / Sunset / Backlight / Kids / Night Scene / Fireworks / Snow / Sports / Party / Candlelight / Night Portrait / Soft Skin / Flowing Water / Food / Love Portrait / Self Portrait / D-lighting / Time Lapse / Panorama / Art Effect		
	Intelligent Scene	Portrait / Landscape / Macro / Backlight / Backlight Portrait / Night Scene / Night Portrait		
	Time Lapse	30 sec. / 1 min. / 5 min. / 10 min. / 30 min. / 60 min.		
	Art Effect	Stylish / Soft Focus / Light Tone / Vivid / Miniature / Fisheye Lens / Astral / Poster / Impressive Art / B&W / Sepia / Color Accent (Red) / Color Accent (Orange) / Color Accent (Yellow) / Color Accent (Green) / Color Accent (Blue) / Color Accent (Purple)		
Resolution	20M	5152x3864		
	8M	3264x2448		
	5M	2592x1944		
	3M	2048x1536		
	VGA	640x480		
	(3:2)	5152x3435		
	16:9 (14M)	5152x2898		
	16:9 (2M)	1920x1080		
	(1:1)	2992x2992		
Quality	Super Fine	3x compression rate		
	Fine	7x compression rate		
	Normal	12x compression rate		
White Balance	Auto White Balance / Daylight / Cloudy / Tungsten / Fluorescent_1 / Fluorescent_2 / Custom			
ISO	Auto / 100 / 200 / 400 / 800 / 1600 / 3200 (3M/VGA) / 6400 (3M/VGA)			IOS3200/6400 recommend to evaluate 1/4 framemode for better image quality
Maximum ISO Auto (Still)	200 / 400 / 800			
Metering	Multi / Center / Spot			
Exposure Bracketing (AEB)	Off / $\pm 0.3$ / $\pm 0.7$ / $\pm 1.0$			
AF Area	Face Tracking / Wide / Center / Tracking AF			
Date Stamp	Date & Time / Date / Off			
Others	Digital Zoom / Auto Review / Blink Detection / Grid Line / Stabilizer			
Self-timer	Off / 10 sec. / 2 sec. / Double			
EV Compensation	+2.0EV / +1.7EV / +1.3EV / +1.0EV / +0.7EV / +0.3EV / 0EV / -0.3EV / -0.7EV / -1.0EV / -1.3EV / -1.7EV / -2.0EV			
Image File Format	Still : EXIF 2.3 compatible format ( JPEG compression )			
Shutter Control	Type	Mechanical shutter		
	Speed	Auto : 1 ~ 1/2,000 sec. Night : 1 ~ 1/2,000 sec. Fireworks : 4 sec. Candle Light: 8 sec		
language	English / French / Spanish / German / Italian / Russian / Portuguese / Brazil Portuguese / Dutch / Turkish / Polish / Hungarian / Romanian / Czech / Bulgarian / Croatian / Slovak / Slovenian / Greek / Swedish / Norwegian / Finnish / Danish / Arabic / Indonesia / Malay / Thai / Japanese / Korean / S. Chinese / T. Chinese			31 Language
Capture Capacity / internal memory		Super Fine	Fine	Normal
	20M	2	4	6
	8M	6	11	16
	5M	11	17	25
	3M	17	27	33
	VGA	92	104	120
	(3:2)	3	5	7
	16:9 (14M)	3	5	8
	16:9 (2M)	21	30	47
(1:1)	6	10	14	

<b>Video Recording</b>					
Video Resolution	1280x720/ 30fps (HD)				
	640x480/ 30fps (VGA)				
Video Flame Rate	30 fps				
Max. recording time	Only record up to 29 min				
Optical Zoom	Up to 5x during capturing				
Video Format	AVI (Motion JPEG)				
Others	Prereord / wind Cut / PIV		Pre-recording 3 sec. before push the shutter key Wind Cut: ON/OFF		
<b>Voice Recording</b>					
Voice memo	Voice Memo in Still Image (max. 30 sec.)				
Voice Format	WAV				
<b>Performance</b>					
Power-on Time	Target	< 1.5 sec.	Test Result	1.07s	Shot-to-Shot
Release Time Lag : ( Shutter lag)	Target	0.1 sec.	Test Result	0.02s (W)/0.05s (T)	
AF Time	Target	< 0.3 sec. (W), < 0.7 sec. (T)	Test Result	0.29s (W)/0.36s (T)	
Click-to-Click	Taget	< 2.9 sec.	Test Result	2.88s	
<b>Playback Mode</b>					
View	Single / 9 & 36 thumbnail pictures / Slide show / Calendar View				
Image Erase	Single / Voice only / Multi / All / Format				
Image Editing	Voice Memo / Filter Effects / Trimming / Resize / Movie Paste / Face Retouch				
Function	Rotate / Digital zoom 1x ~ 8x, scollable / Protect / Print / Copy / Voice & Video playback / Startup image				
<b>Connector / jacks</b>					
USB	8 pin min USB, USB2.0 full speed				
AV out	8 pin min USB, USB2.0 full speed				
System requirement	Mac OS 10.3X ~ 10.8<Mass storage>				
	Windows XP (Service pack 2 or later) ,Win Vista , Win 7 , Win 8				
TV System	NTSC / PAL ( selected by MENU )				
<b>Mechanical</b>					
Dimensions (WxHxD)	100.39 x 59.00 x 21.45 (mm)				
Weight	115 +/-5 g (Not include SD and Battery)				
Others	1/4" Tripod Hole, Wrist Strap Hole				
<b>Regulatory and Reliability</b>					
Operating Temperature	0°C ~40°C				
Operating Humidity	0% ~90%				
EMI / EMC	CE, FCC, BSMI,				
Safety	KTL-CB				
<b>Accessories</b>					
	USB cable x 1		6 Language: English / French / Spanish / German / Italian / S. Chines		
	USB adpater x 1				
	Wrist Strap x 1				
	Li-ion battery x 1				
	Quick Start Guide x 1				