



Annex B1 - Product environmental attributes Imaging equipment

The declaration may be published only when all rows and/or fields marked with * are filled-in (n.a. for not applicable). Additional information regarding each item may be found under P15.

Brand *	Canon	Logo
Company name *	Canon Europa N.V.	
Contact information *	environment@canon-europe.com	Canon
e-mail address		
Internet site *	www.canon-europe.com	
Additional information		

The company declares (based on product specification or test results based obtained from sample testing), that the product conforms to the statements given in this declaration.					
Type of product *	MFD				
Commercial name *	i-SENSYS X 1238i				
Model number *	i-SENSYS X 1238i				
Issue date *	2020/7/8				
Intended market *	☐ Global ☐ Europe ☐ Asia, Pacific & Japan ☐ Americas ☐ Other				
Additional information					

This is an uncontrolled copy when in printed form. Please refer to the contact information for the latest version.

About Annex B1

Annex B1 reflects Product environmental attributes relevant for Imaging products. The following items from the ECMA-370 Main body are not shown in the template:

P9.1 PTEC, ETEC and display resolution

P12.1-P12.2 Ergonomic requirements.

Model number *	i-SENSYS X 1238i	Logo	0
Issue date *	2020/7/8		Canon

Product	environmental attributes - Legal requirements	Requirement met		
Item		Yes	No	n.a.
P1	Hazardous substances and preparations			
P1.1*	Products do comply with the current European RoHS Directive. (See legal reference and NOTE B1)	\boxtimes		
P1.2*	Products do not contain Asbestos (see legal reference). Comment: Legal reference has no maximum concentration value.			
P1.3*	Products do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC), hydrobromofluorocarbons (HBFC), hydrochlorofluorcarbons (HCFC), Halons, carbontetrachloride, 1,1,1-trichloroethane, methyl bromide (see legal reference). Comment: Legal reference has no maximum concentration values.			
P1.4*	Products do not contain more than; 0,005% polychlorinated biphenyl (PCB), 0,005% polychlorinated terphenyl (PCT) in preparations (see legal reference).			
P1.5*	Products do not contain more than 0,1% short chain chloroparaffins (SCCP) with 10-13 carbon atoms in the chain containing at least 48% per mass of chlorine in the SCCP (see legal reference).			
P1.6*	Parts with direct and prolonged skin contact do not release nickel in concentrations above 0,5 μg/cm²/week (see legal reference). Comment: Max limit in legal reference when tested according to EN1811:2011-5.			
P1.7*	REACH Article 33 information about substances in articles is available at (add URL or mail contact):			
P2	Batteries			
P2.1*	If the product contains a battery or an accumulator, the battery/accumulator is labeled with the disposal symbol. Information on proper disposal is provided in user manual. (See legal reference)			
P2.2*	Batteries or accumulators do not contain more than 0,0005% of mercury or 0,002% of cadmium. (See legal reference)			
P2.3*	Batteries and accumulators are readily removable. (See legal reference)	\boxtimes		
P3	Conformity verification & Eco design (ErP)			
P3.1*	The product is CE-marked to show conformance with applicable legal requirements (see legal reference). The Declaration of Conformity can be requested at (add link or e-mail address): http://www.canon-europe.com/ce-documentation/			
P3.2*	The product complies with the applicable Eco design Requirements for Energy-Related Products, (see legal reference).	\boxtimes		
	Required information is; given in item P15 or added to this document, available at (add URL): http://canon-europe.com/printers/			
P4	Consumable materials	•	·	
P4.1*	If a photo conductor (drum, belt etc.) is used in the product, it does not contain cadmium at a level greater than 0,01% (see legal reference and NOTE B1).			
P4.2*	If ink/toner is used in the product, it does not contain cadmium at a level greater than 0,1% by weight (see legal reference)	\boxtimes		
P4.3*	If the ink/toner formulation/preparation is classified as hazardous or contains a substance for which there are Community workplace exposure limits, the product/packaging is adequately labeled according to applicable regulations and a Safety Data Sheet (SDS) in accordance with these requirements is available (see legal reference).			
P5	Product packaging			
P5.1*	Packaging and packaging components do not contain more than 0,01% lead, mercury, cadmium and hexavalent chromium by weight of these together.			
P5.2*	The packaging materials are marked with abbreviations and numbers indicating the nature of the material(s used (see legal reference).) 🔀		
P5.3*	The product packaging material is free from ozone depleting substances as specified in the Montreal Protocol (see legal reference). Comment: Legal reference has no maximum concentration values.			
P6	Treatment information			
P6.1*	Information for recyclers/treatment facilities is available (see legal reference).	X		

NOTE B1 Restriction applies to the homogeneous material, unless other specified and expressed in weight %. Stating "Yes" means that the product is compliant with the mandatory requirements.

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	t environmental attributes - Market requirements (See General Note GN below)	D		
	Environmental conscious design			nt met
Item P7	*=mandatory to fill in. Additional information regarding each item may be found under P14. Design	Yes	No	n.a.
F /	Disassembly, recycling			
P7.1*	Parts that have to be treated separately are easily separable			
P7.2*	Plastic materials in covers/housing have no surface coating.			
P7.3*	Plastic parts > 100 g consist of one material or of easily separable materials.			
P7.4*	Plastic parts > 25 g have material codes according to ISO 11469 referring ISO 1043-4.			Ħ
P7.5	Plastic parts are free from metal inlays or have inlays that can be removed with commonly available tools.	T		
P7.6*	Labels are easily separable. (This requirement does not apply to safety/regulatory labels).			
	Product lifetime			
P7.7*	Upgrading can be done e.g. with processor, memory, cards or drives			
P7.8*	Upgrading can be done using commonly available tools	\boxtimes		
P7.9	Spare parts are available after end of production for: years			
P7.10	Service is available after end of production for: years			
	Material and substance requirements			
P7.11*	Product cover/housing material type (e.g. plastics, metal, aluminum): Material type: <i>PC+ABS</i> Material type: Material type:			
P7.12	Insulation materials of external electrical cables are PVC free.		X	
P7.13	Insulation materials of internal electrical cables are PVC free.		X	
P7.14	External plastic casing/cover parts > 25 g contain no more than 0,1% weight (1000 ppm) bromine and 0,1% weight (1000 ppm) chlorine attributable to brominated flame retardants, chlorinated flame retardants, and polyvinyl chloride or 0,3% weight (3000 ppm) bromine and 0,3% weight (3000 ppm) chlorine in parts containing more than 25% post-consumer recycled content.			
P7.15	Printed circuit boards, PCBs (without components) are low halogen: all PCBs > 25 g are low halogen as defined in IEC 61249-2-21. (See NOTE B2)			
P7.16	Flame retarded plastic parts > 25 g in covers / housings are marked according ISO 1043-4: Marking:			
P7.17	Alt. 1: Chemical specifications of flame retardants in printed circuit boards > 25 g (without components): TBBPA (additive), TBBPA (reactive) (See NOTE B3), Other; chemical name: , CAS #:			
	Alt. 2: Chemical specifications of flame retardants in printed circuit boards (without components) > 25 g according ISO 1043-4:			
P7.18	Alt. 1: Flame retarded plastic parts > 25 g contain the following flame retardant substances/preparations in concentrations above 0,1%: 1. Chemical name: , CAS #: (See NOTE B4) 2. Chemical name: , CAS #: " 3. Chemical name: , CAS #: "			
P7.19	Alt. 2: Chemical specifications of flame retardants in plastic parts > 25 g according ISO 1043-4: In plastic parts > 25 g, flame retardant substances/preparations above 0,1% are used which have been			
77.19	assigned the following Risk phrases; and Hazard statements: The source(s) for these classifications is/are found at (add URL(s)): (See NOTE B5)			

GENERAL NOTE Standard references should direct to the latest version of a standard. If an older version of a standard is used, section P15 shall be used for explanation.

NOTE B2 IEC 61249-2-21 defines maximum limits of 900 ppm for each of the substances chlorine and bromine and a maximum limit of 1500ppm of these substances combined. The standard does not address fluorine, iodine and astatine which are included in the group of halogens.

NOTE B3 and B4 A Guidance document on Chemical substances is available;

 $see \ \underline{http://www.ecma-internationl.org/publications/standards/Ecma-370.htm}.$

NOTE B5 If a certain substance has been assigned a certain risk phrases / hazard statement in the referenced source, this does not necessarily mean the substance has been tested for all of the hazards referred to by a certain customer.

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Product environmental attributes - Market requirements (continued)					R	equire	ment	met
Item						Yes	No	n.a.
	Material and substa	ance requirements (c	continued)					
P7.20*	Postconsumer recyc	cled plastic material co	entent is used in the pro	oduct (See NOTE B6):				
	-,		below shall be answe	red; cled plastic material co	intent (calculated as a			
		otal plastic by weight)						
	b) The weight of r	ecycled material is 15						
P7.21*	Biobased plastic ma	terial content is used i	n the product (See NC	DTE B7):				
	If YES; at least one of the two alternatives below shall be answered; a) Of total plastic parts' weight > 25 g, the biobased plastic material content (calculated as a percentage of total plastic by weight) is %.							
	or b) The weight of t	he biobased plastic ma	aterial is a.					
P7.22*	Light sources are fre	ee from mercury, i.e. le	ess than 0,1 mg/lamp.	ım mercury content pe	r lamp: mg			
P8	Batteries				,			
P8.1*	Battery chemical cor	mposition: <i>Litium</i>						
P9	Energy consumption				•			•
P9.1	For the product the t	following power levels	or energy consumptio	ns are reported:				
Energy mo	ode *	Power level at 100 V AC	Power level at 115 V AC	Power level at 230 V AC	Reference/Standard modes and test method		nergy	
	de for ENERGY perational Mode ucts	W	W	W				
	ff mode for STAR Operational I) products	W	W	W				
TEC produ	for ENERGY STAR ucts (TEC= Typical onsumption)	kWh/week	kWh/week	1.0 kWh/week	ENERGY STAR (US s Eligibility Criteria Ver Imaging Equipment.			
	0.33 kWh/week ENERGY STAR (US scheme), Eligibility Criteria Version 3.0 for Imaging Equipment.							
MAX		W	W	1350 W	Canon's Own Standa	rd		
Printing(A	Average)	W	W	500 W	Canon's Own Standa	rd		
Standby		W	W	9.4 W	Canon's Own Standa	rd		
Low Powe	er	W	W	W	Canon's Own Standa	rd		\boxtimes
Sleep		W	W	0.9 W	Canon's Own Standa	rd		
		W	W	W				
External P	ower Supply Efficienc	y Level (International	Efficiency Marking Pro	tocol) *:				
Print/Scan	Speed * :	38 images per minute						
Default tim	ne to enter energy sav	e mode: 1 minutes						
P9.2*	Information about th	e energy save function	n is provided with the p	oroduct.		\square		

NOTE B6 Applies to a product containing plastic parts whose combined weight exceeds 100 g with the exception of printed circuit boards, cables, connectors and electronic components and bio-based plastic material.

NOTE B7 The following is to be excluded from the calculation of percentage: printed circuit boards, labels, cables, connectors and electronic components and postconsumer recycled plastic.

NOTE B8 A Guidance document on Energy efficiency is available;

see http://www.ecma-international.org/publications/standards/Ecma-370.htm.

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Product	Product environmental attributes - Market requirements (continued)				Require	ment	met	
Item		<u> </u>	•	•		Yes	No	n.a.
P10	Emissions							
	Noise emission	- Declared according to ISO 93	296 (See NOTE	B9)				
P10.1	Mode	Mode description		atistical upper limit _{VA,c} (B)	A-weighted sound power	level,		
	Idle	* Standby	*	Not Detect				
	Operation	* Print	*	7.22				\forall
	Other mode							
	Measured accord	ding to: ISO 7779 ECM		y if not covered by	ECMA-74)			
	Chemical emissions from printing products (See NOTE B10)							
P10.2*		according to ECMA-328 Determ			es from Electronic		\Box	$\overline{\Box}$
	•	/IEC 28360) , other specify:						
P10.3	Typical emission	rate (operation phase) is (mg/h	n):					П
	Electrophotographic devices: Ozone <loq(=0.13) 0.01="" 0.18="" 1.39="" 3.6="" benzene="" devices:="" dust="" ink="" styrene="" td="" tvoc="" tvoc<=""><td></td><td></td><td></td></loq(=0.13)>							
	NOTE: complian	ce with maximum emission rate	es in eco labels	to be declared in F	214.			
P11		aterials for printing products						
P11.1*		heet (SDS) is available for the in				\boxtimes		
P11.2*	Paper containing post-consumer recycled fibers can be used, provided that it meets the requirements of EN 12281.							
P11.3*	2-sided (duplex)	printing/copying is an integrated	d product functi	on.		\boxtimes		
P11.4*	The product is de	elivered to end-user with defaul	t auto-duplex er	nabled.		\boxtimes		
P13	Packaging and	documentation						
P13.1*	Product packagii	ng material type(s): Corrugated ng material type(s): EPS ng material type(s): PE weight	weight (kg):	eight (kg): 4.3 0.65				
P13.2*	Product plastic p	orimary packaging is free from P	PVC.			\boxtimes		
P13.3*	For product prim	ered fiber content: 25 %	aging, specify th	ne contained perce	ntage of minimum post-			
P13.4*		or user and product documentation	ion (tick box):					
P13.5		nplete this item if paper docume at documentation on paper medi pecify:		ee:				
	Totally chlorine-f	free						
	Elemental chloring	ne-free				H		
	Processed chlori	ine-free						
P14	Voluntary progr							
P14.1	The product mee	ets the requirements of the follo	wing voluntary p	orogram(s):				
	ENERGY STAR	Criteria version:	г	Date:	Product category:			
	Eco-label:	Criteria version:		Date: Date:	Product category:			
	Eco-label:	Criteria version:		Date:	Product category:			

NOTE B9 A Guidance document on Acoustic Noise is available;

 $see \ \underline{http://www.ecma-international.org/publications/standards/Ecma-370.htm}.$

NOTE B10 A Guidance document on Chemical Emissions is available;

see http://www.ecma-international.org/publications/standards/Ecma-370.htm.

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Produc	t environmental attributes - Market requirements (concl	uded)	Requirement met	
P15	Additional information (See NOTE B11)		-	
P1.1	Product on this declaration comply with EU RoHS Directive (2001/6	55/EU).		
	The current EU RoHS Directive restricts the use of following substa	ances.		
	Lead			
	Mercury			
	Cadmium			
	Hexavalent chromium			
	Polybrominated biphenyls(PBB)			
	Polybrominated diphenyl ethers(PBDE)			
	Note; This is based on knowledge as of the date of this document.			
P1.7	http://canon-europe.com/about_us/sustainebility/business/reach_customer_statement/			
P10.1	Sound Pressure (LpAm)			
	Bystander's position			
	Active(BW) (1-sided/2-sided)	: 53 / 53 dB		
	Standby	: Inaudible		
	Operator position			
	Active(BW) (1-sided/2-sided)	: 58 / 58 dB		
	Standby	: Inaudible		

NOTE B11 Additional lines may be inserted to declare further items, by positioning the cursor at the far right of the row and hitting the <Enter> key.

Legal references Europe Annex B1

Reference	Declaration item
Directive 2011/65/EU (RoHS Directive) * * Specific exemptions apply for certain products and applications.	P1.1, P3.1, P4.1
Commission Regulation (EC) 1907/2006 (REACH Regulation), annex XVII	P1.2, P1.4, P1.6, P1.7, P4.2
Commission Regulation (EC) 1907/2006 (REACH Regulation), annex VII	P1.10
Commission Regulation (EC) 1907/2006 (REACH Regulation), Article 31, annex II)	P4.3
Commission Regulation (EC) No. 2037/2000, 2038/2000, 2039/2000, (Marketing and use of Ozone layer depleting substances)	P1.3, P5.3
Norwegian regulation relating to restrictions on the use of certain dangerous chemicals 20.12.2002	P1.5
Directive 2006/66/EC (Battery and accumulators Directive), as amended.* * These provisions shall not apply where, for safety, performance, medical or data integrity reasons, continuity of power supply is necessary and requires a permanent connection between the appliance and the battery or accumulator.	P2.1, P2.2, P2.3, P8.1
Directive 2014/35/EU (Low Voltage Directive)	P3.1
Directive 2014/30/EU (EMC Directive)	P3.1
Directive 2014/53/EU (RE Directive)	P3.1
Commission Regulation (EC) No 1275/2008 implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for standby and off mode electric power consumption of electrical and electronic household and office equipment (Standby Regulation)	P3.1, P3.2, P9.1
Commission Regulation (EC) 801/2013 amending Regulation (EC) No 1275/2008 with regard to ecodesign requirements for standby, off mode electric power consumption of electrical and electronic household and office equipment, and amending Regulation (EC) No 642/2009 with regard to ecodesign requirements for televisions	
Commission Regulation (EC) No 278/2009 of 6 April 2009 implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for no-load condition electric power demand and average active efficiency of external power supplies	P3.1, P3.2, P9.1
Commission Regulation (EC) 1272/2008 (CLP Regulation)	P4.3, P7.19
Directive 2004/12/EC (Packaging Directive)	P5.1
Decision 97/129/EC (Secondary packaging legislation)	P5.2

I	Directive 2012/19/EU (WEEE directive)	P6.1
	Implementing Regulation (EU) 2019/290 establishing the format for registration and reporting of producers of electrical and electronic equipment to the register.	
	Commission Implementing Regulation 2017/699 establishing a common methodology for the calculation of the weight of electrical and electronic equipment (EEE) placed on the national market in each Member State and a common methodology for the calculation of the quantity of waste electrical and electronic equipment	
ı	(WEEE) generated by weight in each Member State.	1