



## 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.	C 244 C44
Contact information *	environment@canon-europe.com	Canon
e-mail address		0 0111 0 11
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 MF453dw			
Model number *	i-SENSYS MF453dw			
Issue date *	2022/01/13			
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 MF453dw	Logo	<b>6</b>
Issue date *	2022/01/13		Canon

<b>Product</b>	uct environmental attributes - Legal requirements			t 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),	$\boxtimes$	$\overline{\Box}$	
	hydrobromofluorocarbons (HBFC), hydrochlorofluorcarbons (HCFC), Halons, carbontetrachloride, 1,1,1-		ш	
	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	$\boxtimes$		
	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	$\boxtimes$		
D4.0*	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			$\boxtimes$
	(see legal reference).			
P1.7*	Comment: Max limit in legal reference when tested according to EN1811:2011-5.  REACH Article 33 information about substances in articles is available at (add URL or mail contact):			
F 1.1	REACH Affice 33 illioffiation about substances in afficies is available at (add ORE of Itlant Contact).		Ш	
DO	Dettories	-	-	•
P2.1*	Batteries  If the product contains a battery or an accumulator, the battery/accumulator is labeled with the disposal		_	
P2. I	symbol. Information on proper disposal is provided in user manual. (See legal reference)	$\boxtimes$	Ш	
P2.2*	Batteries or accumulators do not contain more than 0,0005% of mercury or 0,002% of cadmium. (See legal	$\boxtimes$		
1 2.2	reference)		Ш	
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).	$\square$	П	
	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,	$\boxtimes$		
	(see legal reference).			
	Required information is; given in item P15 or added to this document,	$\boxtimes$		
			_	
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	$\boxtimes$		
	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	$\boxtimes$		
P4.3*	legal reference)		_	
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	$\boxtimes$	Ш	
	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		П	
	hexavalent chromium by weight of these together.		ш	
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	$\boxtimes$		
	Protocol (see legal reference).			
D0	Comment: Legal reference has no maximum concentration values.	_	<u> </u>	
P6.1*	Treatment information			
F0. I	Information for recyclers/treatment facilities is available (see legal reference).			

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.

Model number *	i-SENSYS MF453dw	Logo	
Issue date *	2022/01/13		Canon

	t environmental attributes - Market requirements (See General Note GN below)	Dogu	luana	ant m	<b>~</b> 4
	Environmental conscious design  *=mandatory to fill in. Additional information regarding each item may be found under P14.	Yes	No	ent m	eı
Item P7	Design	res	INO	n.a.	
F /	Disassembly, recycling				
P7.1*	Parts that have to be treated separately are easily separable			1	
P7.2*	Plastic materials in covers/housing have no surface coating.	X			
P7.3*	Plastic parts > 100 g consist of one material or of easily separable materials.	X			
P7.4*	Plastic parts > 25 g have material codes according to ISO 11469 referring ISO 1043-4.				
P7.5	Plastic parts are free from metal inlays or have inlays that can be removed with commonly available tools.				
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	$\boxtimes$			
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: PC+ABS  Material type: Material type:				
P7.12	Insulation materials of external electrical cables are PVC free.		$\geq$		
P7.13	Insulation materials of internal electrical cables are PVC free.		$\geq$		
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 #:				
	<u>Alt. 2:</u> 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 #: "				
	Alt. 2: Chemical specifications of flame retardants in plastic parts > 25 g according ISO 1043-4:			]	
P7.19	In plastic parts > 25 g, flame retardant substances/preparations above 0,1% are used which have been 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.

Model number *	i-SENSYS MF453dw	Logo	0
Issue date *	2022/01/13		Canon

Product environmental attributes - Market requirements (continued) Rec					uiren	nent	met	
Item						Yes	No	n.a.
		ance requirements (c					_	
P7.20*	If YES; at least one	of the two alternatives	ntent is used in the pro below shall be answern ne postconsumer recyc	red;				
	or	otal plastic by weight)		·	,			
P7.21*						$\square$		
	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 the biobased plastic material is g.							
P7.22*	If mercury is used sp	ee from mercury, i.e. le pecify: Number of lamp		m mercury content per	· lamp: mg		Ш	Ш
P8	Batteries							_
P8.1*	Battery chemical cor	<u>'</u>						Щ
<b>P9</b>	Energy consumption	•	or energy consumption	no are reported:				
					T=			
Energy mo	de *	Power level at <b>100</b> V AC	Power level at 115 V AC	Power level at 230 V AC	Reference/Standard fo modes and test method *	r en	ergy	Ш
STAR® Op (OM) produ		W	W	W				
Standby/of ENERGY S Mode (OM	STAR Operational	W	W	W				
TEC produ	TEC value for ENERGY STAR TEC products (TEC= Typical Energy Consumption)  kWh/week kWh/week  kWh/week  consumption  kWh/week  kWh/week  consumption  consumption  kWh/week  kWh/week  consumption  consumption  kWh/week  kWh/week  consumption  consumption  consumption  kWh/week  consumption  consumption  kWh/week  consumption  consumption  consumption  kWh/week  consumption  consumption  consumption  consumption  consumption  consumption  consumption  kWh/week  consumption  consumption  consumption  kWh/week  consumption  consumption							
MAX		W	W	1350 W	Canon's Own Standard			
Printing(A	verage)	W	W	500 W	Canon's Own Standard			
Standby		W	W	9.4 W	Canon's Own Standard			
Low Powe	er	W	W	W	Canon's Own Standard			$\boxtimes$
Sleep		W	W	0.9 W	Canon's Own Standard			
		W	W	W				
		y Level (International l	Efficiency Marking Pro	tocol) * :				
Print/Scan	Speed *	38 images per minute				•		
	e to enter energy sav	e mode: 1 minutes						
P9.2*	P9.2* Information about the energy save function is provided with the product.							

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.

Model number *	i-SENSYS MF453dw	Logo	• • • • • •
Issue date *	2022/01/13		Canon

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	environmentai	attributes - Market requiren	nents (continuea)		Require		
Item					Yes	No	n.a.
P10	Emissions	Deslanddin - to 100 00	OC (Car NOTE BO)				
P10.1	Mode Mode	<ul> <li>Declared according to ISO 929</li> <li>Mode description</li> </ul>	· · · · · · · · · · · · · · · · · · ·	per limit A-weighted sound power	lovol		
F 10.1	Mode	Mode description	L <sub>WA,c</sub> (B)	Der III III A-weignted Sound power	ievei,		
			ZWA,C (D)				
	Idle	* Standby	* Not Detect				$\neg$
	Operation	* Print	* 7.22				$\blacksquare$
	Other mode						
	Measured according to: ISO 7779 ECMA-74						
	ivieasureu accord			- mad by FCNA 74)			
	Chemical emics		\ /	ered by ECMA-74)	·		-
P10.2*	Test performed s	sions from printing products (Saccording to ECMA-328 Determin	nation of Chemical Emissi	ion Rates from Electronic			$\overline{}$
1 10.2	•	/IEC 28360) , other specify:	nation of Chemical Linissi	IOTI Nates ITOTI LIECTIONIC	$\boxtimes$		
P10.3		rate (operation phase) is (mg/h)	•				$\overline{}$
1 10.5	i ypicai eiilissioii	Tate (operation phase) is (mg/m)	•				
	Electrophotogran	phic devices: Ozone <loq(=0.1< td=""><td>(3) Dust 1 39 Styrene (</td><td>0.18 Benzene 0.01 TVOC 3.60</td><td>1</td><td></td><td></td></loq(=0.1<>	(3) Dust 1 39 Styrene (	0.18 Benzene 0.01 TVOC 3.60	1		
	Ink devices:	Dus		Benzene TVOC			$\bowtie$
			·				
	•	ice with maximum emission rates	s in eco labels to be declar	red in P14.	•		
P11		aterials for printing products	1.6				
P11.1*	,	heet (SDS) is available for the inl	1 1 /	0 1 1 7		Щ	
P11.2*		g post-consumer recycled fibers of	can be used, provided tha	t it meets the requirements of			
P11.3*	EN 12281.	printing/copying is an integrated	product function			$\overline{}$	$\overline{}$
P11.4*			·			井	#
		elivered to end-user with default	auto-duplex enabled.				
P13	Packaging and		Domosinht (lan). 2	202			
P13.1*		ng material type(s): <b>Corrugated</b> ng material type(s): <b>EPS</b>	Paper weight (kg): 2 weight (kg): 0.542	92			
		ng material type(s): <b>PE</b> weight (l					
P13.2*	Product plastic p	primary packaging is free from PV	/C.		X		
P13.3*		nary corrugated fiberboard packag		d percentage of minimum post-			$\pm$
	consumer recove	ered fiber content: 25 %		, ,			
P13.4*		or user and product documentation	on (tick box):				
	Electronic 🔀, P						
P13.5		nplete this item if paper documen					
		ct documentation on paper media	is chlorine-free:				
	If Yes, please sp	ecity:					
	Totally chlorine-f	iree					
	Elemental chloring	ne-free					
	Processed chlori	ine-free					
P14	Voluntary progr	rams:					
P14.1		ets the requirements of the follow	ving voluntary program(s):				
				<b>-</b>			
	ENERGY STAR		Date:	Product category:			
	Eco-label: Eco-label	Criteria version: Criteria version:	Date: Date <sup>:</sup>	Product category: 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 <a href="http://www.ecma-international.org/publications/standards/Ecma-370.htm">http://www.ecma-international.org/publications/standards/Ecma-370.htm</a>.

Model number *	i-SENSYS MF453dw	Logo	0
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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 The current EU RoHS Directive restricts the use of following Lead Mercury Cadmium Hexavalent chromium Polybrominated biphenyls(PBB) Polybrominated diphenyl ethers(PBDE)	g substancés.	
D4 7	Note; This is based on knowledge as of the date of this docu		atatamant/
P1.7 P10.1	https://www.canon-europe.com/about_us/sustainability/bus Sound Pressure (LpAm)	mess/reacn_customer_	statemenv
F10.1	Bystander's position Active(BW) (1-sided/2-sided) Standby Operator position Active(BW) (1-sided/2-sided) Standby	: 53 / 53 dB : Noiseless : 58 / 58 dB : Noiseless	

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

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 (WEEE) generated by weight in each Member State.	