

General Description

45 inch 4K monitor

Regulation

Directive EU 2019/2021 + EU 2019/2013

Product information sheet

	Information		Value and precision		Unit	Notes
1	Supplier's name or trade mark		SWEDX			
1A	Supplier's address		Fagerstagatan 9. 16353 Spånga. Sweden			
2	Supplier's model identifier		SM2-45K1-03-PP1			
3	Energy efficiency class for standard Dynamic Range (SDR)		G			
4	On mode power demand for Standard Dynamic Range (SDR)		82		W	
5	Energy efficiency class (HDR)		NA			
6	On mode power demand in High Dynamic Range (HDR) mode		NA		W	
7	Off mode, power demand		NA		W	
8	Standby mode power demand		0.4		W	
9	Networked standby mode power demand		NA		W	
10	Electronic display category		Monitor			
11	Size ratio		16	:	9	integer
12	Screen resolution (pixels)		3840	x	2160	pixels
13	Screen diagonal		45		cm	
14	Screen diagonal		113		inches	
15	Visible screen area		5447.7		cm ²	
16	Panel technology used		LCD/LED			
17	Automatic Brightness Control (ABC) available		NO			
18	Voice recognition sensor available		NO			
19	Room presence sensor available		NO			
20	Image refresh frequency rate		60		Hz	
21	Minimum guaranteed availability of software and firmware updates (until):		31 12 2030		date	
22	Minimum guaranteed availability of spare parts (until):		31 12 2030		date	
23	Minimum guaranteed product support (until):		31 12 2030		date	
24	Power supply type:		Internal			
<i>i</i>	External standardised power supply (included in the product box)	Standard name	NA			
		Input voltage	NA		V	
		Output voltage	NA		V	

ii	External standardised suitable power supply (if not included in the product box)	Standard name	NA		
		Required output voltage	NA	V	
		Required delivered current	NA	A	
		Required current frequency	NA	Hz	

Measured technical parameters

		Value and precision	Unit	Notes
General				
1	Ambient temperature	22	°C	
2	Test voltage	230	V	
3	Frequency	50	Hz	
4	Total harmonic distortion (THD) of the electricity supply system	2	%	
For On-mode				
5	Peak white luminance of the brightest on mode configuration	495	cd/m ²	
6	Peak white luminance of the normal configuration	415	cd/m ²	
7	Peak white luminance ratio (calculated)	84%	%	
For APD				
8	Duration of the on mode condition, before the electronic display reaches automatically standby, or off mode, or another condition which does not exceed the applicable power consumption requirements for off mode and/or standby mode.	04:00		
	For televisions: the measured value of the time before the television automatically reaches standby, or off-mode, or another condition which does not exceed the applicable power consumption requirements for off-mode and/or standby-mode following the last user interaction;	04:00		

	For televisions equipped with room presence sensor: the measured value of the time before the television automatically reaches standby, or off-mode, or another condition which does not exceed the applicable power consumption requirements for off mode and/or standby mode when no presence is detected;	NA		
	Other electronic displays than televisions and broadcast displays: The measured value of the time before the electronic display automatically reaches standby, or off-mode, or another condition which does not exceed the applicable power consumption requirements for off mode and/or standby mode when no input is detected;	00:30		
For ABC				
9	Average on mode power demand of the electronic display at an ambient light intensity, measured at the ABC sensor of the electronic display, of 100 lux and 12 lux.	NA	W	
10	Percentage of power reduction due to ABC action between the 100 lux and 12 lux ambient light conditions.	NA	%	
11	Display peak white luminance at each of the following ambient light intensities measured at the ABC sensor of the electronic display, 100 lux, 60 lux, 35 lux, 12 lux.	Na	cd/m ²	
	Measured on mode power at 100 lux ambient light at the ABC sensor	NA	W	
	Measured on mode power at 12 lux ambient light at the ABC sensor	NA	W	
	The measured screen luminance at 60 lux ambient light at the ABC sensor	NA	cd/m ²	
	The measured screen luminance at 35 lux ambient at the ABC sensor	NA	cd/m ²	
	The measured screen luminance at 12 lux ambient light at the ABC sensor	NA	cd/m ²	

Test Equipment

Power:	Power Consumption Monitor HP-9800 Shenzhen Hongpin Electronic Technology Co., Ltd.
Luminance:	TOPCON BM-7A color brightness meter BM-7A brightness meter

Specific Precautions

NA

Energy Label



ENERG



SWEDX

SM-45K1-03



82 kWh/1000h

