STW6000 1st Gen.
vs STW6000 2nd Gen. Specification Comparison

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General

Specification Comparison

Spec-up
Difference

	STW6000 1st Gen	STW6000 2nd Gen	Notes
Display type	TFT color LCD		
Display size & Resolution	4.3” Wide (480 x 272 WQVGA) 7.0” Wide (800 x 480 WVGA) 10.1” Wide (1024 x 600 WSVGA) 12.1” Wide (1280 x 800 WXGA) 15.6” Wide (1366 x 768 FWXGA)	**4.3” Wide** (480 x 272 WQVGA) **7.0” Wide** (800 x 480 WVGA) **10.1” Wide** (1024 x 600 WSVGA)	for Big Screen sizes , GTW6 available
Display colors	16 million colors		
Touch Panel type / service life	Single touch Resistive film (analog) / service life of 1 million times or more		
CPU	Single core, ARM-Cortex A8	Multi core, ARM-Cortex-A55	
Backlight	White LED (not replaceable)		Backlight is not replaceable
Backlight service life	50,000 hours or more (continuous operation at 25 ° C [77 ° F] before backlight brightness decreases to 25%)		
Panel cut dimensions	4.3” Wide (118.5 x 92.5 mm) 7.0” Wide (190 x 135 mm) 10.1” Wide (255 x 185 mm) 12.1” Wide (295 x 217 mm) 15.6” Wide (394 x 250 mm)	**4.3” Wide** (118.5 x 92.5 mm) **7.0” Wide** (190 x 135 mm) **10.1” Wide** (255 x 185 mm)	
External dimensions	4.3” Wide (134.5 x 108.5 x 43 mm) 7.0” Wide (208 x 153 x 45 mm) 10.1” Wide (273 x 203 x 47 mm) 12.1” Wide (313 x 235 x 50 mm) 15.6” Wide (412 x 268 x 50 mm)	**4.3” Wide** (134.5 x 108.5 x 43 mm) **7.0” Wide** (208 x 153 x 45 mm) **10.1” Wide** (273 x 203 x 47 mm)	
Front material/ Enclosure material	Aluminium / PC		
Structure	IP65, Type 1, Type 4X (indoor use only), Type 13 (on the front panel when properly installed in an enclosure)		

*Specs to be confirmed at official launch

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		STW6000 1st Gen	STW6000 2nd Gen	Notes
Memory	Device memory	**4"**: 512 MB; **7" & above**: 1 GB	4 GB	Available capacity of each memory may vary as per software requirement.
	RAM	512 MB	1 GB	
	Backup memory	NVRAM 512 kB		
Battery (clock data backup)		No HW clock	Replaceable battery / Primary battery for clock data backup (5 years or more at room temperature)	Battery is user replaceable
Rated input voltage		DC 24V (19.2 to 28.8V DC)		
Serial I/F	COM1	**4"**: RS232C/RS485 - RJ45 **7" & above**: RS-232C D-Sub9		
	COM2	**7" & above**: RS485 - RJ45		
Ethernet I/F		10BASE-T/100BASE-TX (RJ-45) x 1 **7" & above**: 10BASE-T/100BASE-TX (RJ-45) x 2 with Hub (1x @IP)	10BASE-T/100BASE-TX (RJ-45) x 1 **7" & above**: 10BASE-T/100BASE-TX (RJ-45) x 2 (2x @IP)	
Communication Protocol		HTTP	HTTP / HTTPs	
USB I/F	Type A	USB 2.0 x1		
	Type micro-B	USB 2.0 x1		
Power consumption		**4.3" wide**: 6.9W or less **7.1" wide**: 9W or less **10.1" wide**: 12.6W or less **12.1" wide**: 18.4W or less **15.6" wide**: 18.5W or less	**4.3" wide**: 6.9W or less **7.1" wide**: 9.6W or less **10.1" wide**: 13.2W or less	

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