

	NO	Third Generation Products SWTI/STWA	Second Generation Products STVI/STVA
Equipment	CPU	1GHz Cortex-A8 CPU	32bit 200Mhz MCU
	Flash	256 MB	128 MB
	Image format	png,bmp,jpg,svg,gif	bmp,jpg
	TFT Panel	Groupon's imported original screen (recommended to disassemble and compare)	Groupon assembly screen
	Display Effect	More realistic color, better saturation, better display	Cool white
	Color	18 bit (262K)	16 bit (65K)
	Font format	ttf format vector font, easy to use, no jaggies, best display effect, smoothest character display	Dot matrix fonts, complicated to use, jagged around the characters
	Animation effects	Support cool and various kinds of high frame rate window and control animations, smooth operation	Animation effect
	Audio and Video	Support 720P 30Hz high frame rate video/WAV lossless audio playback, support up to 65000 audio and video files	Support video and audio
	Operating life	30000H	20000H
	Port	RS232/RS422/RS485/ TTL/Lan/WIFI	RS232/RS485/TTL
	Voltage	5V-28V	6V-42V
	Electromagnetic interference resistance	Medical Grade	Industrial grade
	PCB thickness and color	Thickness 2.0mm more reliable, sub-black advanced motherboard, advanced sunken gold process, in line with ROHS, industrial motherboard level materials	1.6mm ordinary green ordinary PCB material
	Remote network control	LAN PORT / WIFI / BT	None
	I/O Interface	Support	None
	Operating Temperature	Industrial grade -30°C/+80°C	-20°C/+70°C
	Download Port	USB 2.0 USB flash drive download or network update files for easy use	USB 2.0 USB flash drive download
	Wiring Terminal and Connection Cable	2MM 8PIN/3.5mm industrial grade terminal 8-pin high quality cable	2mm 8-pin terminal/ 8-pin cable
	Product Quality	Industrial medical grade, 0.1% return rate	Industrial grade, 0.2% return rate
	Program control instructions	Simpler command control, more diversified product functions, using JSON code and HEX code, easy to use, understand and programming habits, easy to expand, higher fault tolerance rate	Support Hex code
	Software installation method	Cross-platform support for Windows, macOS and linux operating systems.	Windows system
	Extensibility	Powerful CPU for future feature expansion and customization	No upgrade