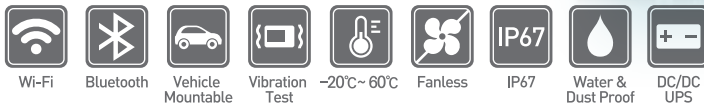


SmarTerminal™

SA series

SA10, SA12, SA15



MODEL			SA10	SA12	SA15
LCD	Size		10.4"	12.1"	15"
	Resolution		1024 x 768, XGA		
	Brightness(cd/m²)		400	500	250
Touchscreen			resistive 5 wire, TFT Touch screen display,		
System	OS		Windows 7 / Windows 8 / Windows 10		
	CPU		Intel® J1900 Celeron (Quad Core)		
	Graphics		Intel® HD Graphics Gen 7 Engines with 4 execution unit supports DX11.1		
	RAM (Memory)		DDR3 4GB RAM (Up to 8GB)		
	Storage		2.5" SATA III (Optional : 500G HDD, 60G SSD, 120G SSD)		
	Input / Output		2 x USB 1x RS-232 or 1 x 422/485 1x Ethernet port		2 x USB 2x RS-232 or 1 x RS-232, 1 x 422/485 1x Ethernet port
System Cooling			Fanless		
Peripheral	WLAN		IEEE 802.11 a/b/g/n		
	Bluetooth		V2.1 + EDR Class 2		
	Function Key		4 Function Key (front) F1~F4		
Physical	Mounting		Wall, Stand, Vehicle, Rack mounting (VESA 100 x 100)		
	Color		Silver Grey		
	Dimensions	WxHxD (mm)	299 x 239 x 53	318 x 255 x 53	410 x 370 x 51
		WxHxD (in)	11.8 x 9.4 x 2.1	12.5 x 10 x 2.1	16.1 x 14.7 x 2
	Weight		2.4kg	2.7kg	3.5kg
Environment	Operating Temperature		-20°C to 60°C (-4°F ~ 140°F)		
	Storage Temperature		-30°C to 70°C (-22°F~ 158°F)		
	Humidity		5% to 95% RH Non-condensing		
	IP Level		IP 67		
	Certificate		KCC, FCC, CE, CB		
Power	AC/DC		Input 110/220V (60 watts) AC for Output 12V DC systems		
	UPS (DC/DC)		Internal : Input 10-60V, Output 12V (60 watts) with Battery (30 min) External : Input 10-60V, Output 12V (60 watts) with Battery (30 min)		