

GS21A Technical Data Sheet

Item	Description	Yes	No	Detail
Electrical characteristics	Power supply	•		Battery powered
	Working voltage rang	•		DC 9V - 35V
	Working voltage	•		12V/30MA - 60MA
	Sleep current	•		12V/5MA - 15MA
	Built-in battery capacity	•		80mAh (3.7V polymer battery) optional
Environmental characteristics	Working temperature	•		-30°C~70°C
	Working humidity	•		5%-95%
Communication characteristics	Communication module/Chip model	•		MT6261D
	GSM	•		850/900/1800/1900MHZ
	SIM Card	•		Micro SIM Card
	Communication antenna	•		Built-in antenna
	Antenna specifications	•		FPC antenna
GPS / BD positioning characteristics	Positioning module brand / chip model	•		AT6558D
	Positioning method	•		GPS+BDS+LBS
	Cold start time	•		Average 32 seconds
	Hot start time	•		Average 1 seconds
	Tracking sensitivity	•		-162 dBm
	Positioning antenna	•		Built-in antenna
	Antenna specifications	•		18mm * 18mm * 4mm
External interface	Power off		•	
	SOS		•	
	ACC detection	•		support
Form factor	Host size (length, width, height)	•		47x43x20mm
	Shell material	•		ABS+PC(V0)
	IP protection level	•		IPx5
	Host weight	•		40g