VA12

UNLOCKING EFFICIENT ASSET MANAGEMENT

Experience The Advantage

- ■ MULTIPLE POSITIONING TECHNOLOGY
- ■ IP67 WATERPROOF
- ■ SUPER LONG BATTERY LIFE
- ■ HASSLE-FREE INSTALLATION
- ■ REMOVAL ALARM
- ■ RFID CAPABILITY

The Vanguard VA12 employs a powerful combination of Beidou, GPS, Wi-Fi, and base station positioning, ensuring fast and accurate location tracking. With AGPS technology, positioning is expedited, providing real-time visibility of your assets. Equipped with a high-performance 9600mAh lithium manganese battery, the VA12 can perform one positioning operation per day and boasts an impressive battery life of up to 6 years. Say goodbye to frequent maintenance and enjoy uninterrupted asset monitoring.

Super Long Battery Life: Equipped with 9600mAh lithium manganese battery. This device offers an impressive battery life of up to 6 years with 1 position a day.

Easy Installation: The VA12 offers hassle-free installation options. Its strong magnetic adsorption and design with reserved holes for ears allow for flexible mounting in various scenarios.

Removal Alarm: Equipped with a light sensor, triggers alarm notifications when the device is removed. Stay informed and prevent unauthorized access or tampering.

RFID Capability: Enhance your asset inventory processes with the RFID coils. Effortlessly conduct asset inventory and streamline your management workflows for improved efficiency.

Multiple Working Modes: Customize the VA12 to suit your operational needs with multiple working modes. Choose from real-time mode, timing mode, alarm clock mode, and weekly mode, ensuring optimal functionality based on your asset management requirements.

GENERAL

Network Technologies	LTE-CAT 1 / GPRS / SMS
Location Technology	66 channel GPS
Operating Voltage	3.0 V

CELLULAR/BANDS

4G LTE-FDD, EMEA VERSION	B1/B3/B5/B7/B8/B20/B28
4G LTE-FDD, LATIN VERSION	B2/B3/B4/B5/B7/B8/B28/B66

GPS

GNSS	GPS, BDS
Receiver	66 channel
Location Accuracy	< 10 m
Tracking Sensitivity	-165 dBm
Acquisition Sensitivity	-148 dBm
Cold Start (open sky)	32 seconds
Hot Start (open sky)	1 second
AGPS / Location assistance capable	

POWER

Internal battery	9600mAh lithium manganese
Power Consumption	43 mA @ 3V working
	<2 mA @ 3V deep sleep

ENVIRONMENTAL

Operating temperature	-20°C to +70°C
Operating humidity	5% to 95% non-condensing
Ingress Protection Rating	IP 67

PHYSICAL

Dimensions	96.0(L) x 43.0(W) x 24.0(H) mm
Weight	218 g
Switch	Toggle Switches
Indicators	Red status LED