

HW-PET20 Specification

HW-PET20 | Smart GPS Pet Locator
Precision Tracking and Ultimate
Safety for Your Pet's Adventures.

This product supports:

1. Acoustic and light pet finding
2. IP67
3. Magnetic Charging
4. Geo-fence Alert
5. Configurator and FOTA WEB
6. Bluetooth-based pet finding (nearby search)



Communication Specifications

Technology	• 4G Cat. 1
Data Support	• SMS (TXT/ PDU)
4G Band	• LTE:B1/B2/B3/B4/B5/B7/B8/B20/B28/B38/B41/B66
Bluetooth Version	• 5.0

GNSS Technical

Technology	• GNSS: GPS/GALILEO/BeiDou/GLONASS
Tracking Sensitivity	• -165dB
Acquisition Sensitivity	• -159dB
Position Accuracy	• <2m CEP
Hot Start	• <1s
Cold Start	• <26s

Features

Working Modes	• Standby Mode • Smart Power Saving Mode • Extended Battery Life Mode • Smart Geo-fence Mode
Lighting Modes	• Fast Blink Mode • Steady On Mode • Slow Blink Mode
Alarm Function	• Low voltage Alert
Pet Search Mode	• Bluetooth Pet Search
Configuration Support	• Configurator, FOTA WEB, SMS, Monitoring Platform

Power Consumption

Operating Power	• DC3.1V-4.35V
Battery Capacity	• 3.7V 700mAH Lithium batteries
Power Consumption	• @4V 1.5mA (Standby Mode) • @4 V 23mA (Smart Power Saving Mode) • @4V 40mA (Pet Search Mode)
Charging Input	• Magnetic: DC 5V
Battery Life	Excluding Self-Discharge • Standby Mode: ~12days • Smart Power Saving : ~ 11 days @ 2h/day • Pet Search Mode: ~3days

Physical & Interface Specifications

Working Temperature	-25°C to 75°C
Storage Temperature	-40°C to 85°C
Ingress Protection Rating	IP67
LED	- Blue: Charging - Green: Fully Charged - Red: Operating Status
Interface	Magnetic Connector
Color	Blue and black/Blue and yellow
Product Dimensions	L63.9*W36.1*H19.2mm
Weight	34g

Regulatory Compliance

Certification	CE
Product Name	PET20

Appearance

