

KIYE Smart Collar
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Product Specification Sheet (English)

Compiled for B2B buyers, distributors, and OEM/ODM partners.
 Source: KIYE official product documentation & marketing materials.

1. Product Overview

Field	Detail
Product Name	KIYE AI Smart Collar for Pets Health
Brand	KIYE • Made for Senior Dogs
Manufacturer	Foshan KIYE Pet Products Co., Ltd.
Address	5F, No.26 Beihu Yi Rd, Luocun Nan, Foshan, Guangdong, China
Website	www.kiyepet.com
Contact	Sherry@kiyepet.com / +86 18022215483
Business Model	Collar Data + Precision Nutrition (Closed-Loop)
Target User	Senior & middle-aged dogs (cats adaptable)

2. Core Sensors & Health Monitoring

Sensor / Module	Specification
Heart Rate Sensor	PPG optical sensor, real-time continuous monitoring
Core Body Temperature	NTC sensor, $\pm 0.2^{\circ}\text{C}$ accuracy, 24/7 monitoring
HRV (Heart Rate Variability)	Yes — baseline-aware, continuous tracking
6-Axis Gyroscope (IMU)	3-axis accelerometer + 3-axis gyroscope for posture recognition
Posture Recognition	Standing • Walking • Running • Sitting • Resting (5 modes)
Activity Tracking	Steps, calories, distance, daily activity summary
Sleep Quality Scoring	Yes — deep sleep / light sleep / rest quality score
Behavior Analysis	Calm / Playful / Alert / Restless (AI classification)
AI Health Report	Personalized insights, trend analysis, one-tap PDF share to vet
Photo Analysis (AI)	Visual wellness check via pet photo (eyes, coat, posture, breathing)

3. GPS & Safety

Feature	Specification
GPS Module	Real-time GPS location tracking
Geo-fence (Safe Zone)	Custom radius (e.g. 200 m), instant escape alert
Location History	Daily route & activity trail reviewable in app
Live Tracking	One-tap "View Live Tracking" from alert screen
Alert Types	Escape alert • Abnormal temp • Elevated HR • Inactivity

4. Connectivity & App

Field	Detail
Bluetooth	Bluetooth 5.0 BLE
Wi-Fi	Yes
Cellular (Optional SKU)	4G LTE (selectable by SKU)
App Name	KIYE AI Health
Compatibility	iOS 12+ / Android 9+ / Web Dashboard (for vets)
App Languages	English, Spanish, French, German, Japanese, Chinese (expandable)
Data Sync	Real-time cloud sync, historical trend reports
Subscription	Basic App Free • Premium Analytics USD \$4.99/mo (toggleable for B2B)
Vet-Share	One-tap PDF health report sharing

5. Battery & Power

Field	Specification
Battery Life	7 – 14 days typical use (adaptive tracking mode)
Fast Charge	2 hours full charge (USB-C magnetic)
Power Modes	Active tracking / Sleep mode / Adaptive detection
Charging Type	Magnetic USB-C fast charging

6. Hardware & Materials

Field	Specification
Collar Material	Medical-grade silicone + reinforced nylon webbing
Buckle	Rose-gold metal buckle (premium finish)
Reflective Stitching	Yes — night safety visibility
Adjustable Size	S / M / L / XL (Neck 20 – 65 cm)
Weight	Lightweight, optimized for daily wear
LED Indicator	Bright status light, clear at a glance
Multi-function Button	One-click power & mode control
Adjustable Clasp	Slide-lock adjustable design for every pet

7. Waterproof & Durability

Field	Specification
Waterproof Rating	IP67 (submersible up to 1 m / 30 min)
Use Cases	Rain, pool, beach, mud, daily water bowl
Care Note	Remove before hot showers (steam may penetrate seals)

8. AI & Software Features

Feature	Description
AI Health Monitor	All-systems-normal dashboard with wellness score (0 – 100)
Wellness Score	Composite index: HR + Temp + Activity + Sleep + Behavior
Smart Alerts	Abnormal temp, elevated HR, inactivity, geofence breach
Health Trends	Long-term graphs: HR, temp, weight proxy, activity
Digital Pet Profile	Personalized pet ID: name, breed, age, weight
Photo Analysis	AI visual scan for observable wellness indicators
Proactive Care	AI suggests interventions before symptoms appear

9. Packaging & SKU

Field	Detail
Single Unit Box	Smart collar + USB-C cable + quick-start guide
Bundle Option	+ AM/PM Nutrition Sachets Combo SKU
Color Options	Black (standard), Navy Blue / Forest Green / Warm Taupe (customizable)
Size Options	S / M / L / XL
Customization	Logo engraving, color, app branding, packaging, firmware UI

10. Certifications & Compliance

Certification	Status
CE	☒
FCC	☒ (mandatory for US import)
RoHS	☒
ISO 13485	☒ (Medical Device Quality Management System)
GMP	☒
FDA-Registered Facility	☒
HTS (US Import)	8517.62.00.00 (wireless communication device)
HS Code (General)	8526.91.00 / 9027.80.00

11. OEM / ODM / Private Label

Field	Detail
OEM / ODM	Accepted
Private Label	Accepted
MOQ	300 pcs (collar)
Lead Time	20 – 35 days after deposit

****Customization Scope****	Logo, color, app branding, packaging, firmware UI
****Sample****	Available (buyer pays freight)
****Warranty****	12 months
****Payment Terms****	T/T, PayPal, Western Union, L/C (large orders)

12. Key Selling Points

1. ****Vet-Grade Accuracy**** — HRV + core temp $\pm 0.2^{\circ}\text{C}$, validated against veterinary reference devices
2. ****Subscription-Free Option**** — Basic app & GPS free forever; premium toggleable for B2B
3. ****AI Photo Analysis**** — First-of-its-kind visual wellness check from a simple photo
4. ****Closed-Loop Business Model**** — Collar data triggers precision nutrition sachet reorders (recurring LTV)
5. ****Premium Build**** — Rose-gold buckle, reflective stitching, medical-grade silicone
6. ****14-Day Battery**** — Longest in class; magnetic USB-C fast charge
7. ****IP67 Waterproof**** — Pool, beach, mud approved
8. ****Full Compliance**** — CE / FCC / RoHS / ISO 13485 / FDA-registered facility

KIYE Smart Pet — for B2B distribution, OEM/ODM inquiry, and trade-show use

Last updated: JUL 2026