

Your Smart Pet Healthcare, withaPet



Your Beloved Family, **PETS**
They can't explain themselves.
How do you manage your pet's health?
Now, WithaPET will help and solve your problem.

Listen To Your Pet Health !

PET OWNER'S **BEST 4 PROBLEM**



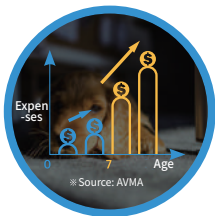
• Trouble leaving pets home alone

- Stress Increases & Emotional Instability
- Emergencies may occur



• "I wish they weren't sick... I wish I knew ahead of time..."

- Hard to deal with difficulty when pets get sick
- Expensive Medical Treatment



• Pets start getting old at **7** yr Medical expenses will rise!

- Increases in diseases and chronic illnesses
- Heart disease is the major illness
- Regular checkups are needed



• Regular health checkups are highly necessary!

- Needs regular checkups before the spread of disease
- Share the health statuses of your pets with animal hospitals

We didn't know...

The No. 1 Health Indicator for Pets!

Changes of Heartbeat and Respiratory



A 15%-20% Increase in Heart / Respiratory Rate Indication of Health Problems in Pets.

(Source: AVMA and other veterinary institutions)



Classification (Average)	DOG	CAT
Heart Rate	SMALL : 100-160 BPM MEDIUM : 60-100 BPM X-LARGE : 60 - 80 BPM	ALL SIZES : 140-220BPM
Respiratory Rate	Normal : 10~25.TIMES Observation : 26~39TIMES Emergency : 40TIMES	Normal : 15~29 TIMES Observation : 30~39TIMES Emergency : 40TIMES
• CHECKING/MONITORING SHOULD BE PERFORMED AT LEAST ONCE A DAY. • THE NUMBERS MAY DIFFER WITH EACH PET.		



withapet

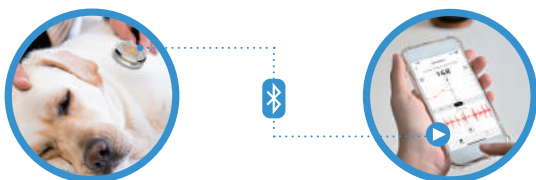
SOLVES YOUR PROBLEMS!

SMART HOME PET
HEALTHCARE SOLUTION,
CREATED WITH

**INTERNET OF THINGS (IoT)
&
SOUND TECHNOLOGY**

WITHAPET'S 6 KEY FUNCTIONS

1. Optimized for Measurement Environment (Over the Fur) of Pets



2. Measures the Changes in Heart and Respiratory Rate



- Sleeping Heart Rate
- Resting Heart Rate
- Heart Rate History



- Sleeping Respiratory Rate
- Resting Respiratory Rate
- Respiratory Rate History

3. Setting Time and Automatic Measurement with Smartphone



- ① **Setting Measurement Time.** ② **Automatically Measured and Saved on Device.** ③ **Synchronize Measurement Results.**

4. Alarm and Detect the Warning Sign (Out of Normal Range)

Automatically(Manually) Measure Heart / Respiratory rate when sleeping or resting, (Check once a day)

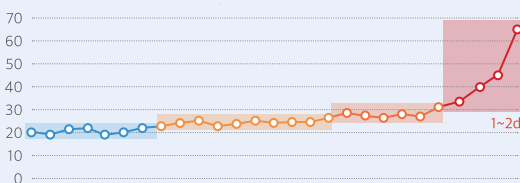


When continues at 20-30% increased rate (Yellow) - Observation



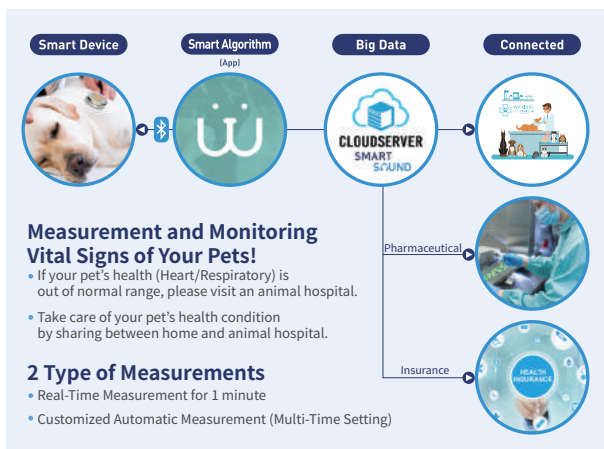
When continues at more than 30% increased rate (Red) - Should Visit Vet !

SLEEPING RESPIRATORY RATE



※ If a warning sign from rate of 30% increase or more is ignored, the rate may go beyond 40% increase and lead to an emergency situation within 1-2 days.

5. Stores and Analyzes the Data in a Cloud Server Shared with Animal Hospitals.



6. Heartbeat Music for Pets



Heartbeat

+



Music You Want Listen

=



Heartbeat Music



The Heartbeat Music Gives
Alone Pets **Emotional Stability** and
Feeling Like Pet Owner is
Beside them.

▶ Korean Documentary for Heartbeat & Dog

<https://programas.sbs.co.kr/culture/animalfarm/clip/55705/22000150647>

withapet

Will SOLVE THE PROBLEMS OF PET OWNERS.

FIRST, **PROTECT THE HEALTH OF YOUR BELOVED PETS.**

SECOND, **REDUCE ILLNESS THAT OCCUR AS A RESULT OF AGING.**

THIRD, **REDUCE MEDICAL EXPENSES.**

WithaPET SENSOR

-Advanced Precision Stethoscope System, HSC™

- Measuring Heart / Respiratory Sound
- Multi-Time Setting Measurement
- Save Measured Data to Sensor Memory and Synchronize
- Send Measured Data by Bluetooth
- Listen to Measured Sound via Earphone/Headphone

PRODUCT SPECIFICATION (WithaPET SENSOR)



Item of General Information	Contents	Unit
Wireless Connectoin	BLE 4.0	-
Size(W x D x H)	50 x 50 x 15	mm
Weight	30	g
Ports	USB C Type	-
Sensor Type	MEMS MIC	-
Materials (Top)	Rubber	-
Color	White, Black, Blue	-
Power Source	Battery	-
Battery Type	Li-Ion Polymer 3.7V 80mA/h	-
Recharging Time	About 30 by USB C Type	min
Battery Using Time	About 480	min
Compatibility	Android / IOS	-

※ WithaPET's One -Year Warranty

If any part of the product proves to be defective within one year of the date of purchase or receipt, it will be repaired free of charge, or replaced if necessary.

PATENTS



Auscultation



Heartbeat
Regularity



Heartbeat
Lullaby



Companion Animal
Vital Signal
Measurement

CERTIFICATIONS



GLOBAL AWARDS

- GITEX FUTURE STAR 2019 in Dubai



- 2019 Abu Dhabi Healthcare Innovation Cup in Dubai



- BEST OF COMPUTEX 2019 in Taiwan
- 2018 IoT Asia in Singapore Trailblazer Innovation Award

