CARNA AI

Health made closer,
care made simpler

CARNA AI
Health Viewer

AI Wellness Measurement Kiosk

A wellness solution that provides 8 personalized lifestyle plans based on 35 wellness indicators



* This product is a wellness and lifestyle management device, unrelated to the diagnosis or treatment of disease.

Intended Use

CARNA AI Health Viewer 3.0 is a wellness device that measures and analyzes biosignals to support general health maintenance, and provides health management information such as diet and exercise.

What does it measure?

Method	What is measured
rPPG optical measurement	The camera detects changes in light reflected from the face lit by the display, derives the pulse wave and measures heart rate.
BIA impedance measurement	A weak alternating current passes through the handle electrodes to measure impedance and derive body composition indicators.

Values are shown as relative indices compared with a reference group of the same sex and age, not as absolute physiological values.

Where is it used, and by whom?

- **Location** — Everyday community spaces such as pharmacies, public health centers, welfare centers, schools, corporate welfare facilities and fitness centers
- **Users** — Users aged 8 and over
- **How to use** — Easy self-measurement while seated, holding the hand stick, with no specialist help needed
- **Time** — Takes about 3 minutes; results appear right away

How can it be used?

Measure » Relative index » Lifestyle care

Use the results in everyday health management

It helps users review their own daily habits and, with the indicators as a reference, decide the direction of their lifestyle management — meals, hydration, sleep and activity.

Results are provided as an overall wellness score, relative indices by area and health management information in lifestyle-plan form. Repeated measurements show how habits change over time and can serve as reference material when consulting a pharmacist or other professional.

What this device does not do

CARNA AI Health Viewer is not used for the following purposes.

- To diagnose, treat, mitigate, cure or prevent disease
- To diagnose, treat, alleviate or correct injury or disability
- To examine, replace or modify body structure or function
- To control conception
- Medical readings such as blood pressure, blood glucose or ECG
- To determine the presence of disease or any medical condition
- To determine whether a specific nutrient is deficient

This device is not intended to replace or assist care provided by healthcare professionals.

Before use

- Do not use this device if you have a pacemaker or any other implanted electronic device.

Please also refrain from use during pregnancy.

CARNA AI

Key Components

Three core modules are integrated in one device, improving both the repeatability of non-invasive measurement and ease of use.



Camera

Identifies the user by matching facial feature values and measures biosignals non-invasively from the facial image using rPPG optical sensing.



Touchscreen

Intuitive UI/UX, graphs and color indicators let users see their status at a glance.



Hand Stick

Handle-type electrodes pass a weak alternating current through the body to measure bioelectrical impedance and derive body composition indicators.

Easy for everyone
CARNA AI Health Viewer

Quick measurement

Easy measurement for anyone, with no complicated sign-up

Accessibility interface

Large text, high contrast, voice guidance and multilingual screens for seniors, visually impaired users and foreign visitors

Environment-linked lifestyle guide

Practical guides for today, tomorrow and 7 days, reflecting local temperature and UV

Real-time alerts

Notifies the facility operator of users whose overall wellness score is below the set threshold



Multilingual

Multilingual interface for diverse settings

Admin system

Centralized remote management of records and device status

Security & privacy

De-identification, encryption at rest and ISO 27001-based operation

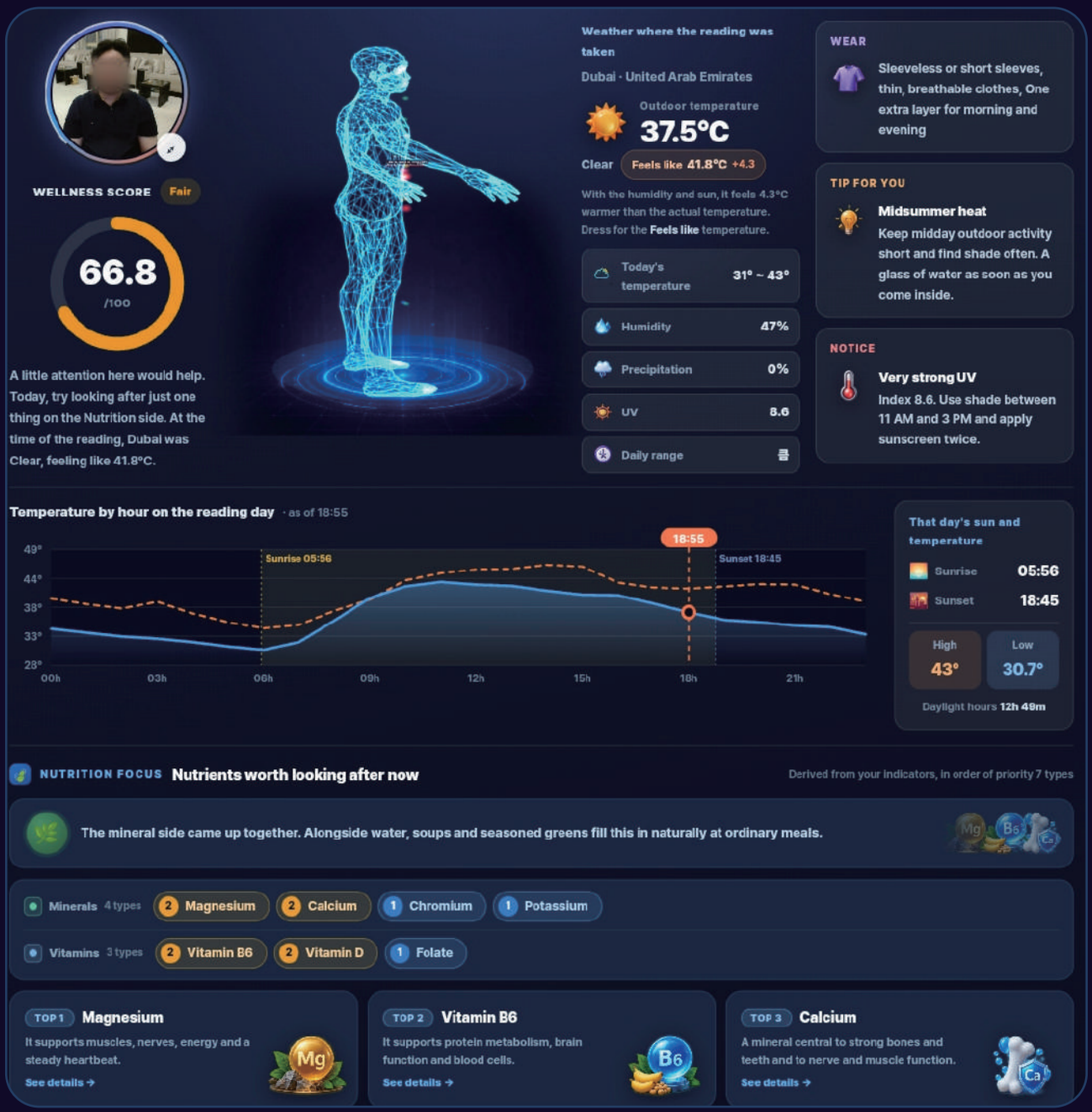
Fast maintenance

Remote checks, automatic updates and device replacement when needed

At a glance

My Wellness Report

Anyone can easily review the analyzed measurement data.



Non-invasive

Easy measurement in about 3 minutes

AI analysis

AI analyzes 35 wellness areas together

Environment guide

Lifestyle guide reflecting local weather and UV

Nutrition priority

Top 7 priority nutrients based on measured items, with meal references

Wellness and lifestyle management device · Unrelated to the diagnosis or treatment of disease.

Space efficiency

Device Design

With a minimal design and an ergonomic structure, the Health Viewer blends naturally into any space





01

In harmony with the space

Minimal design that fits anywhere — pharmacies, clinics, schools, corporate welfare facilities and public institutions

02

Ergonomic structure

User-centered design with clear screen visibility and the right height and angle

03

Scalable and customizable

Screen layouts and guidance text customized to the usage environment

04

Smart interface

Intuitive UI and touch control with real-time data display and user-specific feedback

In every part of daily life

Easy measurement for everyone

Intuitive to use in many settings — public health centers, welfare centers, schools, companies and pharmacies.









Wellness and lifestyle management device · Unrelated to the diagnosis or treatment of disease.

Simple and fast

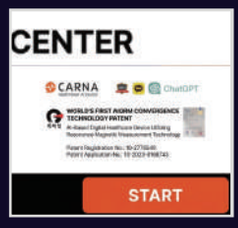
Measurement Process

Designed so that anyone can check their wellness status easily, without complicated steps.

01

STEP 1 · Start

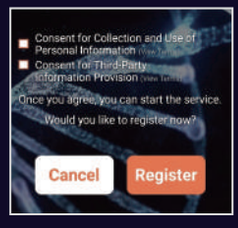
Press the "Start" button on the screen and match your facial feature values



02

STEP 2 · Enter information

Follow the on-screen instructions and go to the next step



03

STEP 3 · Measure

Hold the hand stick with both hands and measure for about 3 minutes



04

STEP 4 · View results

Check your wellness score and the AI report across 35 areas



Multimodal + AI-based

What makes CARNA AI unique

01 · MEASURE



Measure

Multimodal integrated measurement

A dual-modal method — rPPG optical sensing and AIQRM sensor measurement — collects biodata in a single session

02 · ANALYZE

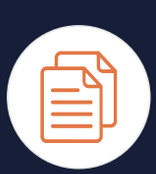


Analyze

AI-powered integrated analysis

AI analyzes 35 wellness areas together and presents nutrition priorities and lifestyle guides

03 · REPORT



Report

Non-invasive comprehensive report

Not just a list of numbers: a personal report built from 8 lifestyle plans and practical guides for today, tomorrow and 7 days

04 · APPLY



Apply

Data-based health management

Results connect to counseling and institutional programs, supporting continuous wellness management

CARNA AI vs. conventional methods
Why CARNA AI?

We overcome the limits of single-item measurement and fragmented data through multimodal integrated analysis and big-data learning.

CARNA AI Health Viewer
Integrated multimodal analysis

✓ Multimodal integrated analysis

Integrated analysis of 35 wellness areas, from circulation, digestion and nutrition to immunity and skin

✓ Personalization with deep learning

Combines personal results with environmental data to provide a tailored lifestyle guide

✓ Non-invasive + AI health report

From interpreting results to action guides, all on one screen

✓ Change analysis over time

Compare repeated measurements over time and see what has changed

Conventional methods
Single-item measurement

— Single-function focus

Measurement centered on a single item

— Separated data

Each data set is separate, making integrated analysis difficult

— Results only

Only numbers are shown; interpretation and guidance are lacking

— Limited trend tracking

Hard to compare individual changes over time

CARNA AI Health Viewer

Key Features

Through easy measurement and AI analysis, it provides information on personal wellness status and lifestyle management.

01 Accessibility interface

Large text, high contrast, voice guidance, lower-screen control mode, 15 languages

02 Measured vs. estimated labels

Measured values and AI estimates are shown separately on screen and clearly distinguished in reports

03 Easy sign-up

Register with just a phone number and Face ID; history is linked automatically on return visits

04 Remote maintenance · Data export

Remote checks, automatic updates and CSV export of aggregated data

05 Data security & privacy protection

De-identification, encrypted data transmission, restricted access rights and country-specific data localization

06 Wellness trend report

Compare repeated measurements over time



Continuous workflow

Measure → Analyze → Classify → Notify → Action log → Dash-board

Based on your results

8 Lifestyle Plans

Results are grouped into 8 lifestyle plans and presented in the order that is easiest to start now.



CARNA AI's

Patented AIQRM™

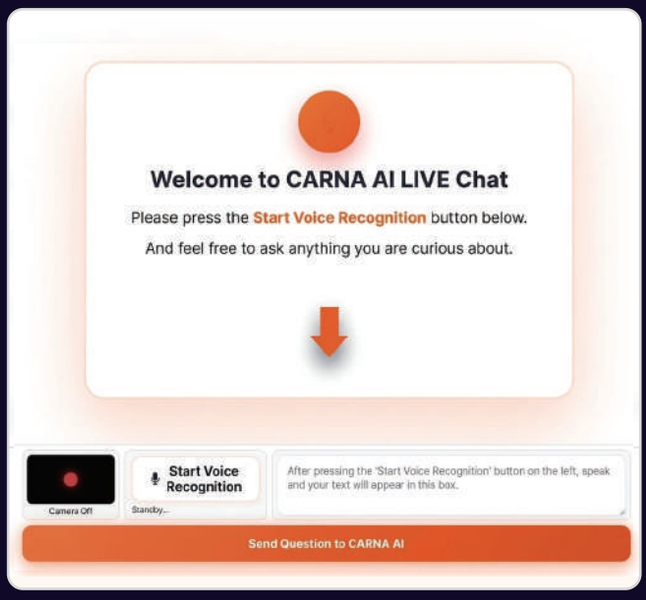
A measurement technology that analyzes bioelectrical impedance signals with artificial intelligence

Patent No. (Korea)	10-2776549
Application No. (Korea)	10-2023-0168743



Voice recognition-based
Real-time LIVE CHAT

Ask questions by voice based on your measurement data to understand your results and find a direction for health management.



Answers to questions about disease, medication or treatment are restricted, and users are guided to consult a professional. All answers are lifestyle guides for reference only.

Automatic mobile delivery
Messenger integration

Only with the user's consent, the result report is sent via WhatsApp, SMS or email.

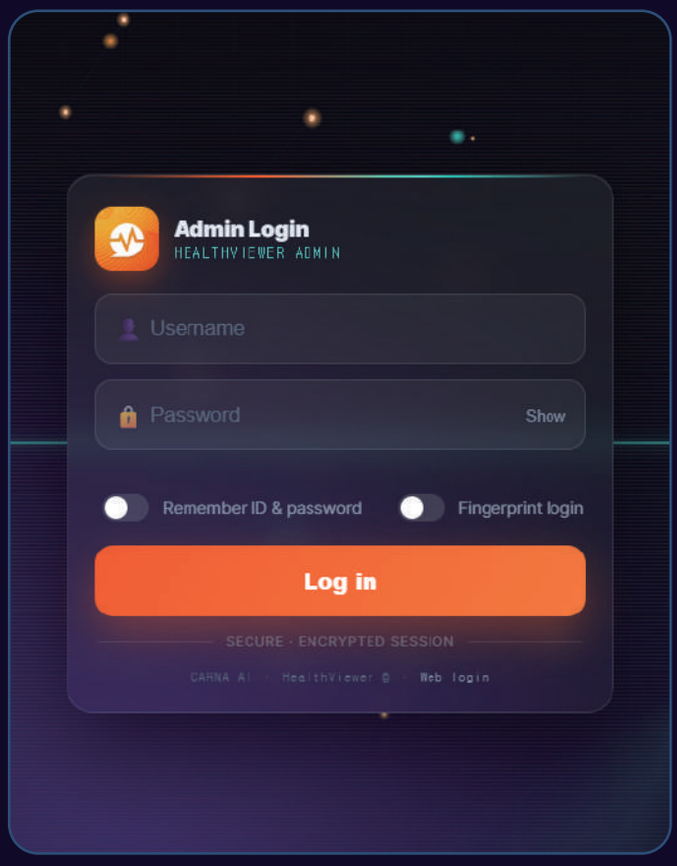


For partners

Management platform for institutions & partners

An integrated operations program for partners to manage and use data securely





The actual UI may change without notice as the product is updated.

FEATURES

- Account management
- Real-time monitoring
- Security & privacy
- Database integration
- Multilingual
- Anonymized aggregated data

USE CASES

- **Health & welfare centers** User wellness management
- **Pharmacies** Reference material for health consultations
- **Companies** Employee wellness programs
- **Schools** Wellness management for faculty and staff
- **Partner companies** Status of sold and installed devices

In operation on site
CARNA AI Health Viewer

Installed and operating in a wide range of private and public settings.



Wellness consultation and personalized service



Member wellness trends and exercise guides



Employee wellness program operation

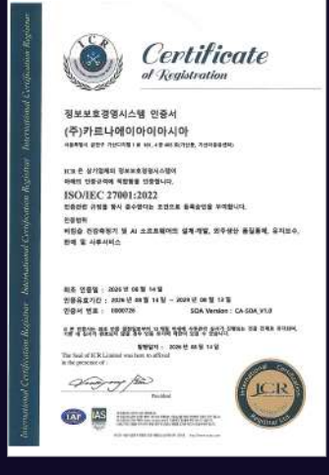


Everyday wellness management for seniors


방송통신기자재등의 적합등록증
Registration of Broadcasting and Communication Equipments
Director General of National Radio Research Agency


소프트웨어 품질인증서
KTR 한국화학융합시험연구원


Certificate of Registration
품질경영시스템 인증서
(주)카르나에이아이아시아
ISO 9001:2015
JCR


Certificate of Registration
정보보호경영시스템 인증서
(주)카르나에이아이아시아
ISO/IEC 27001:2022
JCR

CARNA AI
Specifications

Product name	CARNA AI Health Viewer
Brand	CARNA AI
Model	CRAI-KIOCA-26
Screen size	81 cm (32-inch diagonal)
Resolution	1080 × 1920 (Full HD)
Dimensions	Height 1353 mm × 510 mm × 430 mm
Weight	Approx. 46 kg
Rated voltage	AC 100–240 V, 50/60 Hz
Power consumption (max.)	Approx. 250 W
Brightness	300 cd/m²
Viewing angle	178° horizontal
Speakers	Built-in 8 W × 2
Color	Body: white, stand: white
Operating temperature	0–50 °C
Registration No.	R-R-ASIA-CRAI-KIOCA-26
Date of manufacture	February 2026
Manufacturer / Country	CARNA AI ASIA Co., Ltd. / Republic of Korea
Measurement method	rPPG optical + AIQRM sensor
Measurement time	Approx. 3 minutes
Analysis scope	35 wellness areas · 8 lifestyle plans
Accessibility	Large text · High contrast · Voice guidance · 15 languages
Network	Wired LAN / Wi-Fi
Security	Encryption at rest · De-identification

Specifications are subject to change without notice for quality improvement.
This is a wellness and lifestyle management device, unrelated to the diagnosis or treatment of disease.

CARNA AI

HealthViewer AI Solution

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Wellness and lifestyle management device · Unrelated to the diagnosis or treatment of disease.