CARNA AI

Making Health Accessible,
Making Care Effortless

CARNA AI Health Viewer

AI Wellness Assessment Kiosk

A professional wellness kiosk
designed for public and institutional use,
guiding users through 35 wellness areas
into 8 personalized lifestyle plans.



※ This product is a wellness lifestyle management device unrelated to the diagnosis or treatment of diseases.

Intended Use

CARNA AI HealthViewer is a wellness device designed to maintain and improve health by measuring and analyzing biological signals, and providing wellness management information such as diet and exercise.

What Does It Measure?

Measurement Method	Measurement Details
rPPG Optical Measurement	Detects changes in light reflected from the face illuminated by the display light source using a camera, calculates the pulse wave, and measures heart rate.
BIA Impedance Measurement	Applies a micro-alternating current to the body through handle electrodes, measures impedance, and calculates body composition metrics.

Measurement values are relative indices compared to a reference group of the same gender and age, and do not represent absolute physiological figures.

Where and Who Can Use It?

- **Installation Environment** — Non-medical environments such as pharmacies, public health centers, community centers, schools, corporate wellness facilities, and fitness centers.
- **Target Users** — General adult users themselves.
- **Usage Method** — Independent measurement by the user in a seated position without a medical professional or operator.
- **Processing Time** — Results provided immediately after an approx. 3-minute measurement.

What Is It Used For?

From Measurement to Lifestyle Management

It provides information to help users self-assess their daily lifestyle habits and use measurement indices as a reference to guide lifestyle management, such as diet, fluid intake, sleep, and physical activity.



Measurement results are provided as a comprehensive wellness score, relative indices by domain, and lifestyle plan-format wellness information.
Trends in lifestyle habit changes can be tracked through repeated measurements and used as reference material when consulting with experts, such as pharmacists.

What This Device Does Not Do

CARNA AI HealthViewer is not intended for the following purposes

- Diagnosing, treating, mitigating, curing, or preventing diseases
- Diagnosing, treating, mitigating, or correcting injuries or disabilities
- Inspecting, replacing, or modifying body structures or functions
- Birth control (contraception)
- Medical measurements such as blood pressure, blood glucose, or ECG
- Determining the presence of disease or medical conditions
- Determining the deficiency of specific nutritional components

This device is not intended to replace or assist medical consultations by healthcare professionals.

Notice Before Use

- **Users with implanted cardiac electronic devices, such as artificial pacemakers, must not use this device.**
- **The use of this device is not recommended for pregnant users.**

CARNA AI

Core Components

Combining three core modules into a single device enhances both the repeatability and usability of non-invasive measurement.



Camera

Identifies users by matching facial feature values and non-invasively measures biosignals from facial video using the rPPG optical method.



Touchscreen

Allows users to understand their status at a glance through an intuitive UI/UX, visual graphs, and color-coded indices.



Hand stick

Electrode handles apply a micro-alternating current to the body and measure bioelectrical impedance to calculate body composition metrics.

Easy for Everyone to Use
CARNA AI Health Viewer

Fast Measurement

Hassle-free measurement for anyone without complex registration

Accessible Interface

Large fonts, high contrast, voice guidance, and multilingual displays designed for seniors, visually impaired users, and multicultural audiences

Environment-Aware Lifestyle Guide

Actionable lifestyle guidelines for today, tomorrow, and 7 days, reflecting local temperature and UV levels

Real-Time Alerts

Notifies facility operators when a user's overall wellness score falls below preset thresholds



Multilingual Support

Provides a multilingual interface ready for global environments

Admin System

Integrated remote management for measurement logs and device statuses

Security & Privacy Protection

De-identification, data-at-rest encryption, and ISO 27001-compliant operations

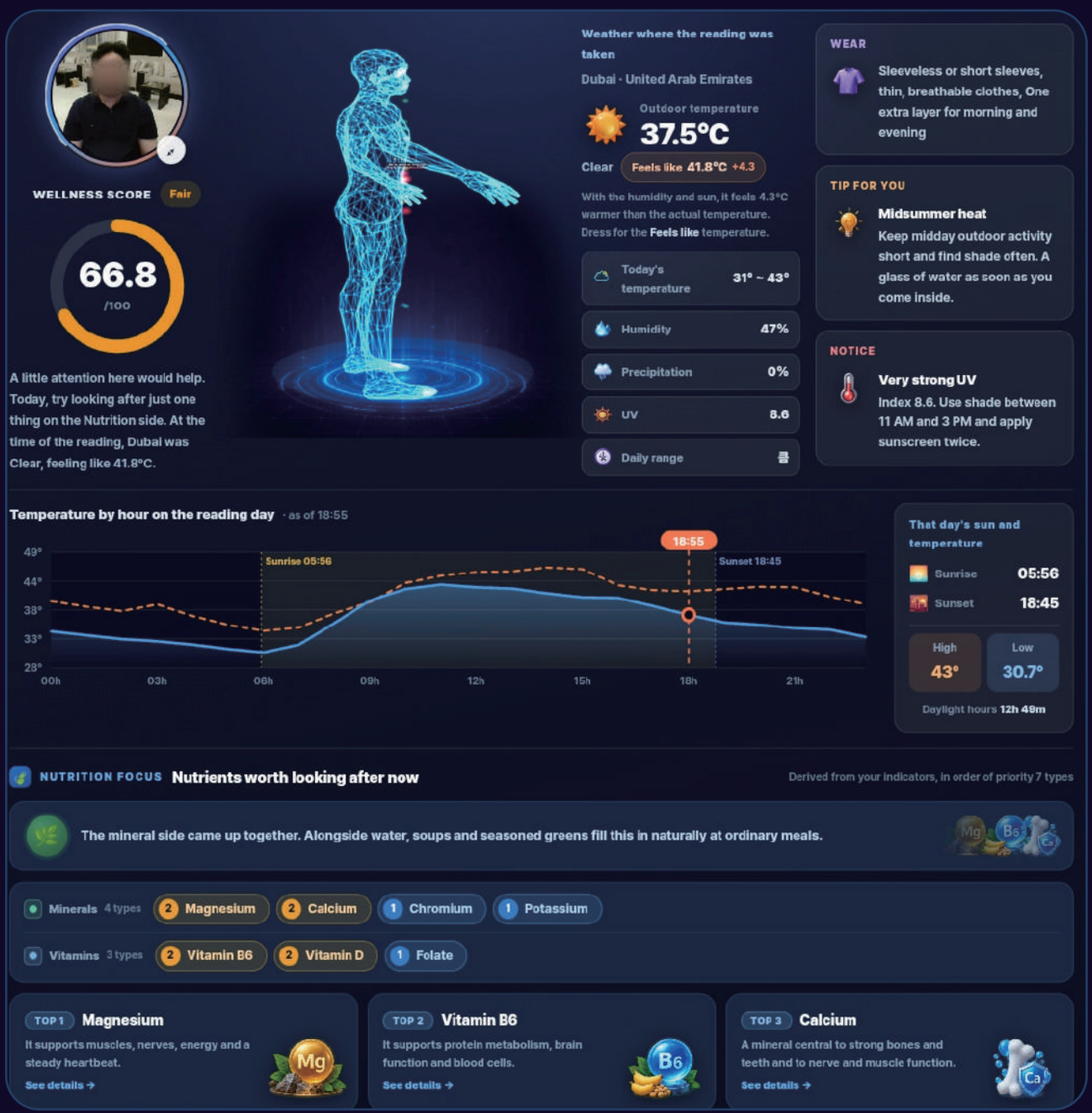
Prompt Maintenance

Remote diagnostics, automatic software updates, and prompt device replacement when needed

At a Glance

My Wellness Report

Anyone can easily review their analyzed measurement data.



Non-Invasive Assessment

Quick and safe ~3-minute assessment

Integrated AI Analysis

AI comprehensively analyzes 35 wellness domains

Environment Aware Guide

Lifestyle guide reflecting local weather and UV index

Nutritional Priorities

Top 7 prioritized minerals & vitamins based on measurement data, along with dietary recommendations

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

Space-Efficient
Device Design

A HealthViewer that seamlessly blends into any space with its minimalist exterior and ergonomic design





01

Harmonizes with Any Space

Minimalist design suitable for public health centers, welfare facilities, government offices, pharmacies, and more

02

Ergonomic Structure

User-centered design featuring optimal screen visibility, height, and angle

03

Scalability & Customization

Customizable display layouts and guidance messages tailored to institutional needs

04

Smart Interface

Intuitive UI and touch-based controls providing real-time data display and personalized feedback

Effortless Assessment
Everyday, Anywhere

Intuitively used across various environments, including public health centers, welfare facilities, schools, corporations, and pharmacies.









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

Simple & Fast

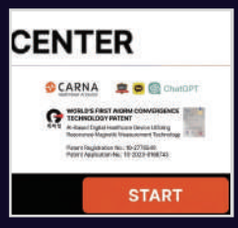
Measurement Process

Designed for anyone to easily check their health status without complex procedures.

01

STEP 1 · Start

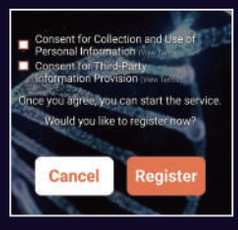
Press the Start button on the screen to proceed with facial feature matching.



02

STEP 2 · Enter Information

Follow the on-screen instructions to proceed to the next step.



03

STEP 3 · Take Measurement

Hold the hand grips with both hands and measure for approximately 3 minutes.



04

STEP 4 · View Results

Check your wellness score and AI report covering 35 domains.



Uniqueness of CARNA AI

Powered by Multimodal AI

01 · MEASURE



MEASUREMENT

Integrated Multimodal Measurement

Collects biosignals in a single session using a dual-modal approach combining rPPG optical measurement and AIQRM sensor technology

02 · ANALYZE



ANALYSIS

AI-Driven Integrated Analysis

AI comprehensively analyzes 35 wellness domains to provide nutritional priorities and actionable lifestyle guides

03 · REPORT



REPORT

Comprehensive Non-Invasive Report

A personalized report that moves beyond raw numbers to offer 8 lifestyle plans and action guides for today, tomorrow, and 7 days

04 · APPLY



APPLICATION

Data-Driven Health Management

Supports continuous wellness care by connecting results to counseling and institutional programs

CARNA AI vs. Conventional Methods
Why CARNA AI?

Overcoming the limits of single-item measurements and fragmented data through multimodal integrated analysis and big data learning.

CARNA AI HealthViewer
Integrated Multimodal Analysis

✓ Integrated Multimodal Analysis
Comprehensive analysis of 35 wellness domains, including circulation, digestion, nutrition, immunity, and skin

✓ Deep Learning-Based Personalization
Combines individual measurement results with environmental data to deliver personalized lifestyle guidance

✓ Non-Invasive + AI Health Report
Provides result interpretation and actionable guidelines all on a single screen

✓ Cumulative Trend Analysis
Tracks changes over time by comparing repeated measurement results along a timeline

Conventional Methods
Single-Item Measurement

— Single-Function Centric
Measurements focused primarily on single metrics

— Fragmented Data
Data is isolated, making integrated analysis difficult

— Raw Results Only
Limited to providing raw numerical values, lacking interpretation and guidance

— Limited Trend Tracking
Challenging to track and compare individual changes over time

CARNA AI HealthViewer

Core Features

A public and institutional model expanded from individual measurement and reporting to organization-wide wellness management.

01 Accessible Interface

Large fonts, high contrast, voice guidance, bottom-screen operation mode, and 12 languages

02 Distinct Display of Measured & Estimated Data

Transparent reports that clearly distinguish between measured values and AI-estimated values on screen

03 Simple Registration

Quick registration using just a phone number, with automatic linkage of measurement history upon revisiting

04 Institutional Campaign Mode

Set, guide, and track organizational goals such as hydration and walking directly through the kiosk

06 Security & Closed-Network Profile

De-identification, data encryption at rest, complete disabling of commercial elements, and closed-network operation options

05 Wellness Trend Report

Compares repeated measurement results along a timeline



07 Remote Maintenance & Data Export

Remote diagnostics, automatic software updates, and CSV export for aggregated data

Continuous Workflow

Measure → Analyze → Classify → Alert → Action Log → Dash board

8 Lifestyle Plans
Based on Results

Categorizes measurement results into 8 lifestyle plans, guiding users in recommended order of priority.



Patented Technology
AIQRM™ by CARNA AI

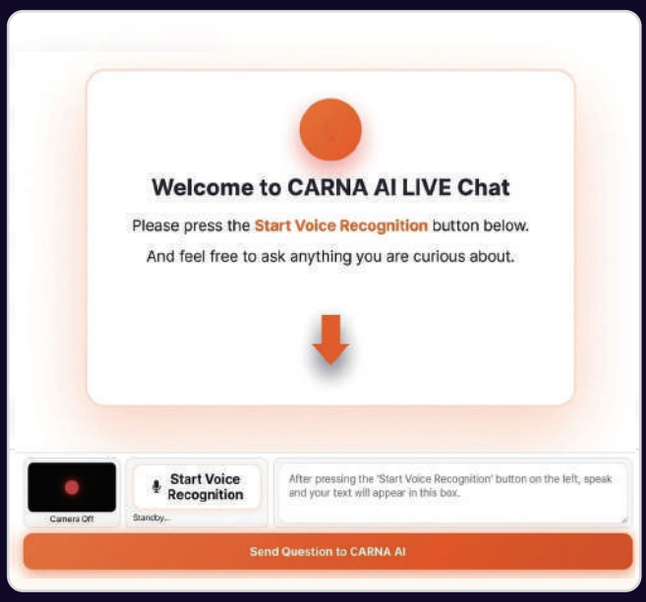
A measurement technology that analyzes bioelectrical impedance signals using artificial intelligence



Patent Registration No.	10-2776549
Patent Application No.	10-2023-0168743

Voice Recognition-Based
Real-Time LIVE CHAT

Based on measured data, users can ask questions using voice recognition to better understand their results and receive guidance on lifestyle management.



Designed to restrict responses regarding diseases, medications, and medical treatments, guiding users toward professional consultations instead. All answers serve as reference lifestyle guides.

Messenger Integration
with Automated Mobile Sharing

Result reports are sent via messaging apps, SMS, or email only with the user's explicit consent.

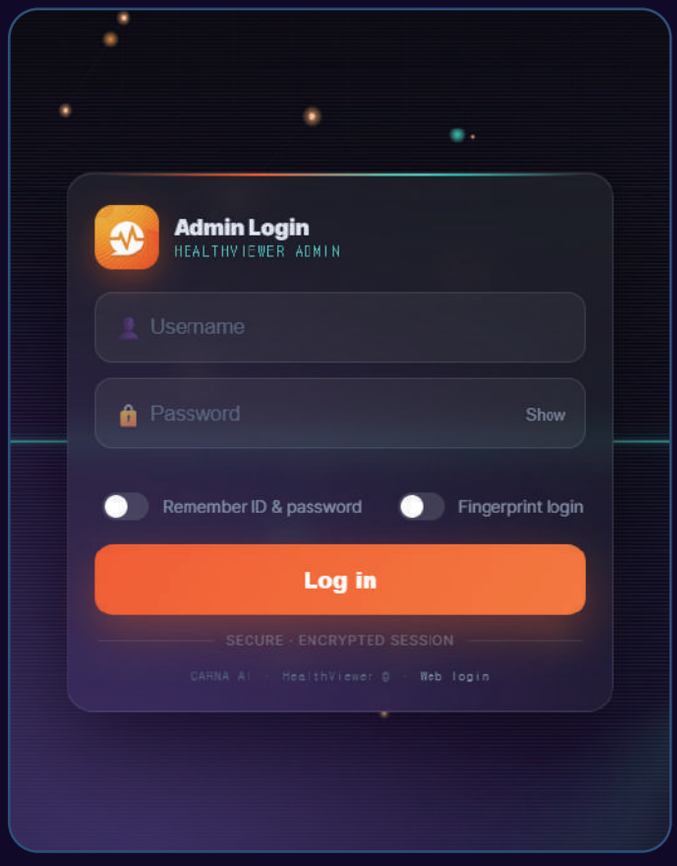


Exclusive for Partners

Institutional & Partner Admin Platform

An integrated partner operations program to securely manage and utilize data.





Actual UI is subject to change without notice for product updates.

FEATURES

- Account Management | Database Integration
- Real-Time Monitoring | Multilingual Support
- Security & Privacy Protection | Anonymous Aggregate Statistics
- Measurement Participant Tally | Priority List (Scores ≤ 60)
- Campaign Management | Follow-Up Tracking

USE CASES

Public Health & Community Centers
Visitor Wellness Management

Pharmacies
Health Consultation Data Utilization

Corporations
Employee Wellness Program Operations

Educational Institutions
Faculty & Staff Wellness Management

Partners
Sales & Installed Device Status Management

Operating in the Field
CARNA AI Health Viewer

Installed and operated across diverse private and public environments.



Wellness consultations and customer-tailored services



Member wellness trend tracking and exercise guides

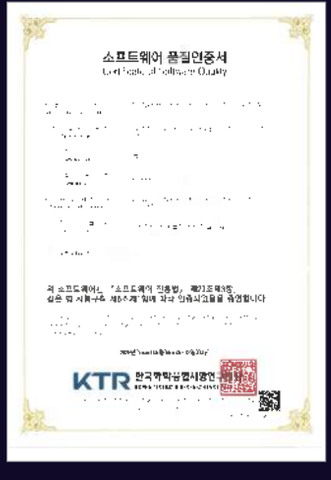


Employee wellness program operations

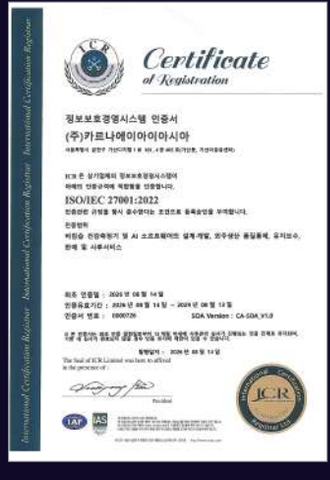


Daily wellness management for seniors

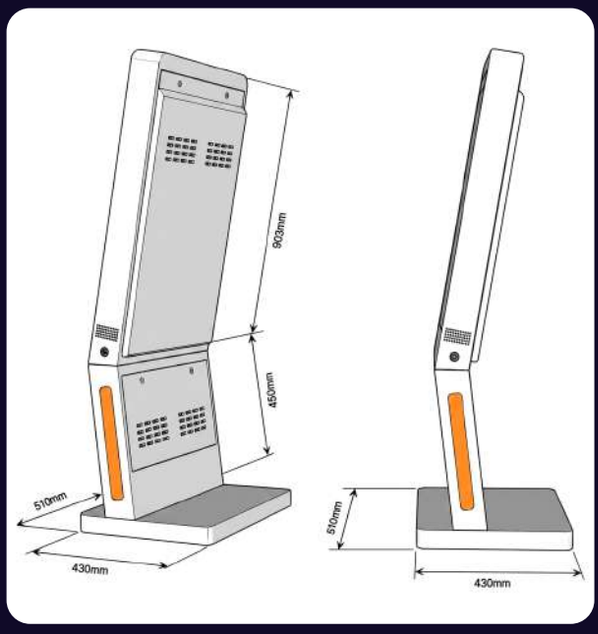








CARNA AI
Product Specifications



PRODUCT NAME	CARNA AI HEALTHVIEWER
BRAND	CARNA AI
MODEL NAME	CRAI-KIOCA-26
SCREEN SIZE	81CM (BASED ON 32" DIAGONAL LENGTH)
RESOLUTION	1080 × 1920 (FULL HD)
SIZE	1353MM (H) × 510MM (V) × 430MM
WEIGHT	APPROX. 46KG
RATED VOLTAGE	AC 100V ~ 240V / 50/60HZ
MAX. POWER (APPROX.)	250W
BRIGHTNESS	300CD/M²
VIEWING ANGLE	178° (LEFT/RIGHT)
SPEAKER	BUILT-IN 2 UNITS X 8W
COLOR	WHITE (BODY), WHITE (STAND)
OPERATING TEMPERATURE	BELOW 40°C
REGISTRATION NUMBER	R-R-ASIA-CRAI-KIOCA-G
DATE OF MANUFACTURE	2026.02
MANUFACTURER / ORIGIN	CARNA AI ASIA CO., LTD. / REPUBLIC OF KOREA
MEASUREMENT METHOD	RPPG OPTICAL + AIQRM SENSOR
MEASUREMENT TIME (~3 MIN)	ANALYSIS SCOPE: 35 WELLNESS DOMAINS & 8 LIFESTYLE PLANS
NETWORK & ACCESSIBILITY	SECURITY (ENCRYPTION AT REST, DE-IDENTIFICATION) / STANDBY POWER MANAGEMENT

Product specifications are subject to change without prior notice for quality improvement.
Wellness lifestyle management device · Unrelated to disease diagnosis or treatment.

CARNA AI

HealthViewer AI Solution

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