

Industry first – *HANDY* Vital Sign Monitor

Preliminary

FEATURES

- The miRadar® 8 «Handy» is an exceedingly small Vital Sign Monitor system, 112 x 75 x 46mm
- Used miRadar® 8 platform, 24GHz FMCW MIMO radar sensor system
- Onboard display
- Android smart phone application available

Applications

- Human / Animal detection
- Monitoring system
Contactless detection of biological information (heart rate and Respiration rate) of multiple people.
- Care House
Sensing through blankets and clothing even when exist.



■ Specification

- 24GHz FMCW MIMO Rader, Tx 2ch / Rx 4ch
 - Certification: ARIB-T54 (Japan)
- Detection Range: 10 meters
- Field of View: ±40° Horizontal, ±8° Vertical
- Number of detection: 4
- Interface: Wireless LAN
- Size (mm): 112 x 75 x 46 mm
- Power: 5Vdc USB-C, 12 watt
- Weight: 250g

■ Host Interface

- Wireless LAN

■ Software

- API command-based control over TCP/IP
- Sensor parameter configurations for measurement modes
- Data detection for distance, azimuth, heart rate, breathing rate, and so on.
- Data format: polar plot, range plot.
- Cloud Interface SDK is under development (schedule is TBD)

■ Order Guide

Product Name	Product Number	Description	Notes
miRadar™8 «Handy»	B293-01	Vital Sign Monitor	

Notes:

- The data and display information collected by this product cannot be used as nursing or medical information
- Any product appearances, specifications, etc. are subject to change for improvement without prior notice. When exporting the product, confirm the country of destination, application, and customer. If any of them falls into an objective requirement, please take the necessary procedures, including export certificate application.

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