



moto

MOTO TILES® SPECIFICATIONS

Moto Tile dimensions	300mm x 300mm x 11mm
Moto Tile weight	500g
Moto Tiles set weight	5 kg
Tablet	MOTO-A10: 10" Moto Tiles Tablet (Android)
Radio frequency range	2450.0 – 2480.0 MHz, Modulation GFSK
Antenna type	Integral
Battery	DC 3.7V 1150mAh 4.255Wh rechargeable battery
Adapter	Input: AC 100-240V 50-60Hz 1.5A, Output: DC 5V 4.5A
Ambient temperature	-10 – 55 degrees C
Storage temperature	-10 – 55 degrees C
Maximum humidity	90% RH
Maximum user weight	150 kg
Minimum sensor activation	2.5-4.5 kgf
Brain Science Mark	Hitachi HiTech
Certifications	CE, FCC, ASTM, Japan Radio Law
Registered Trademarks	Moto Tiles®, Moto®
Registered Design	DK 201600002
Patents	US Patent: US 8241183 European Patent: EP 2276407 Japan Patent: 6049836 US Patent: US 9662557



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Awards

Hitachi Brain Science Award.

IEEE Intl. Conf. on Intelligent Robots and Systems (IROS)
Award Ceremony 2016.

Product Innovation of the Year,
Asia-Pacific Eldercare Awards, 2018.

Innovation of the Year

- Dementia Solution, Asia-Pacific Eldercare Awards, 2019.

SilverEco Ageing Well International Award, Winner, 2019.

Most Outstanding Healthcare Innovator in the World,
The Globals Awards, 2019.

Best Technology for Senior Care and Rehabilitation,
Global Health & Pharma, 2019.

Best Rehabilitation Programme

- Winner, Asia-Pacific Eldercare Awards, 2020.

Global Excellence Awards Winner 2021: AI powered solutions.

Best Technology for Senior Care and Rehabilitation.
Global 100 Winner, 2021.

SilverEco & Ageing Well International Awards Winner, 2022.

Stanford World's Top 2% Scientists, 2024.

Evidence of Effects

15 scientific publications
(on clinical trials showing significant effect on physical and
cognitive performances)