



Technical Specifications



EEG & HRV

Parameters	Values
Size	
Weight	1600 g
Dimensions	245(L) x 243(W) x 153(H) mm
Head Circumference	50 cm ~ 62 cm
Channels	
EEG	19 EEG Channels + 1 Fpz Ground Channel
Auxiliary	Right: 1 PPG Channel / Left: A1 Reference Channel
EEG Electrode	Dry-Type Ag/AgCl-Coated Conductive Polymer
Power	
Battery	Rechargeable Li-Ion Battery
Charging	USB-C Type with 5V/2A Adapter
Charging Time	132 Min
Runtime	7 Hours
Amplifier	
Bandwidth	0.5 ~ 50 Hz
Sampling Rate	250 Hz
Special Design	Analog Front End (AFE)
A/D Converter	24 Bit
Connectivity	
Bluetooth	Bluetooth® v 5.0 (LE up to 2Mbps)
Irradiance Source	19 LED Bulbs (Built-in the center of each EEG electrode)
Wavelength	Near-Infrared 850 nm
Pulse Rate	1 ~ 45 Hz (Adjustable in 1Hz Increments)

LED

Software

Parameters	Values
Name of Software	iSyncWave
Compatible Devices	Samsung Galaxy Tab S6(Lite), S7, S8 or Above
OS	Android 13 or Above
* The above specifications may differ from country to country, so it may be necessary to contact the service center in the country concerned.	
Minimum Requirements	
CPU	Octa-Core / 2.3 GHz, 1.7 GHz
RAM	4 GB
Recommended Requirements	
CPU	Octa-Core / 3.09 GHz, 2.4 GHz, 1.8 GHz
RAM	12 GB

