

NIRSIT ^{LITE}

Brain Imaging System for Kids



Brain development

Connectivity analysis to determine default mode network



Neurofeedback

Real-time biofeedback to improve attention



Meditation

Stress management and workload measurement



VR research

VR effect monitoring on prefrontal cortex

NIRSIT LITE

Brain Imaging System for Kids



Technical specifications

Optode distance	For children : 2.5 cm For adult : 3cm
Channels	15 channels (multi-distance : 6 channels)
Optical Elements	light sources : 5 / detector : 7 (default) → Short channel possible (8 mm distance)
Wavelength	780, 850 nm
Weight	193 g
Sampling rate	8.138 Hz
Motion sensor	9 axis
Operating time	5 hours (1000 mAh rechargeable battery)
Wireless	BLE
PC tool	Window based, external sync (E-prime, TCP/IP communication)
Warranty	1 year



Accessories

Nirsit Lite	BLE Dongle USB cable OTG cable Charger Manual Warranty Certificate
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