

			
Raw EEG	 High-definition	 High-definition	
8 Frequency Bands			
eSense Algorithm (Attention/Relaxation)			
New Algorithms: Appreciation Mental Effort* Mental Familiarity* Mental Fatigue* Mental Distraction*			
Bluetooth Version	4.0 BLE	3.0	3.0
Wechat Mini Program Compatibility			
Electrodes Layout	Forehead x 2 Ear Back x 1	Forehead x 2 Earclip x 1	Forehead x 3
Feedback	Vibration	Sound	Sound
EmoLight	 Attention/Relaxation/Appreciation	 Attention/Relaxation	
Gravity Sensor (Head motion detection)			
Geomagnetic Sensor (Sight direction detection)			
Updatable Firmware			
In-App Battery Indicator			
Battery	16 hrs Standby 7 hrs Connected	8 hrs Standby 4 hrs Connected	8 hrs Standby 4 hrs Connected
3rd Party Dev Kit iOS/Android/Mac/PC	 New Protocol	 Thinkgear Protocol	 Thinkgear Protocol
* Available after firmware updated			