



5G AR Smart Helmet with EEG Model:W20-AR

Product Intro:

The smart AR helmet integrates AR display, video collection, voice communication, communication module, real-time positioning, brain wave interface, heart rate monitoring and other functions. The brain wave collection function can collect the physical fitness and emotions of workers in real time and judge and give early warning to avoid work as much as possible. Safety accidents occur frequently when personnel work in harsh environments. This is based on the W20 model version and has been upgraded to the 5G solution, with AI features such as broadcasting, AI function, vital sign detection, drop alarm, and silent alarm, cap off alarm, etc.

Main Pic:



Functions:

- EEG Collection
- Internal memory: 4+64
- AR OLED display
- 6000mAh Battery, continuous working for 10 hours
- 5G/4G/WIFI/BT
- Android phone app/ PC software
- vital sign detection, drop alarm, and silent alarm (optional)



IP66



5G/4G



AI Function



6000mAh
Battery

PICs:



Parameters :

Model	W20-AR
OLED display screen	Size: 0.49 inch Resolution:1080P FOV: 42° ±1°@OD Interpupillary distance :12±1mm Deviation: < 0.7% Nits: > 270 Diopter: -5D---0D Size(mm):43x29.5x15.5 Weight:17g
EEG Collect data	Heart rate, body temperature, blood pressure, blood oxygen, fatigue status, attention status
System	Android 11
Internal Memory	4GB+64GB
Sensor	1/2.8" CMOSIMX258
Image	13 mega pixel
FOV	105°
Video decode	H.264/H.265
Video compression bit rate	1M~8M
Video format	MKV/MP4
Video resolution	1920*1080P@30fps
image format	JPG
Internet	5G WCDMA Band 1/8FDD-LTE Band1/3/5/8TDD-LTE Band34/38/39/40/41NR Sub-6 n1/28A/41/78/79
Positioning system	GPS (L1+L5)/BEIDOU/GLONASS
Wi-Fi	802.11b/g, 2.4GHZ/5.0GHZ
BT	BT4.0
Storage	Standard 64G, MAX 256G
Interface	TPYE-C
Battery	6000mAh, 12 hours continuous work
Alarm function(optional)	Silent alarm, fall alarm, cap removal alarm, near electric alarm
Weight	590G
Size	286*231*154mm
Waterproof	IP66
Working temperature	-25°C to +75°C
Working humidity	Less than 90%