



## RTK Smart Helmet W23

### Intro:

W23 is a split helmet that integrates audio transmission, GPS/RTK centimeter level high-precision positioning, intercom, SOS, etc. In an open environment, the Rate of convergence can reach the fixed solution state in 2 seconds, and operators can wear precise positioning terminals with positioning accuracy errors within 10 cm, further improving the safety level and accident prevention ability, and ensuring the safety of relevant personnel's lives.

### Functions:

- Positioning accuracy < 30cm
- 4G/3G transmission
- Split type, easy to carry
- Open API
- Android phone app/ PC software
- Live streaming(optional)

### Main Pic:



IP66



28181 protocol



Positioning  
accuracy < 30cm



User-friendly

### PICs:



## Parameters :

System	Android 7.0	
Internal memory	1G+8G	
FOV	105°	
Video decode	H.264	
Video compression bit rate	1M~8M	
Video Format	MKV/MP4	
FPS	1920*1080P@30FPS	
Max image pixels	20 mega pixels	
Image format	JPG	
Positioning	GPS/BEIDOU	
	Internet positioning	
RTK	positioning accuracy	GNSS : 2.5m CEP D-GNSS : <1.0m CEP RTK : 1.5cm+1ppm(H) /6.5cm+1ppm(V)
	Data update rate	PVT : MAX 10Hz RTK : MAX 5Hz
	GNSS Tracking channel	40
	GNSS Receiving frequency point	GPS/QZSS: L1C/A, L2C, L5BDS: B1I, B2I, B2a, B3I Galileo: E1, E5a GLONASS: L1, L2
Other	Work temperature	-25~70°C
	Work humidity	10%~80%
	Ip rate	IP66
	Battery	3600mAh
	Size	149*60*15mm
	Weight	160g