

Mine Tunnel Positioning Anchor

Bidirectional One-Dimensional Model

U3100-p



Wide coverage



High precision



Multi-device support

Product Parameters

【Frequency Band】 : 6.1GHz ~ 6.9GHz

【Power Spectral Density】 : -41.3dBm/Mhz

【Refresh Rate】 : 0.1Hz ~ 30Hz, adjustable

【Power Supply Interface】 : DC 12V-2A

【Interface Type】 : 10Mbps/100Mbps Wired Ethernet

【Interface Protocol】 : TCP/IP protocol

【Positioning Channels】 : Dual-channel positioning

【Status Indication】 : Power / Communication / Positioning

【Positioning Accuracy】 : 10cm

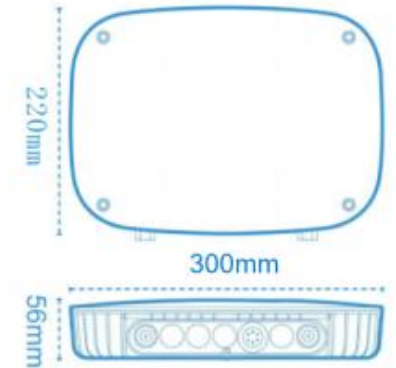
【Communication Range】 : 800m (line-of-sight)

【Concurrent Capacity】 : ≥80

【Offline Operation】 : ≥4 hours

【Operating Temperature】 : -20°C~70°C

【Storage Temperature】 : -40°C~85°C



- Support bidirectional interaction
- Provide long-range coverage
- Enable dual-channel positioning
- Compliant with GB/T 17626.2-2018 for electrostatic discharge immunity testing at severity level 3, rated grade A
- Compliant with GB/T 17626.3-2016 for radiated electromagnetic field immunity testing at severity level 2, rated grade A
- Compliant with GB/T 17626.4-2018 for electrical fast transient/burst immunity testing at severity level 2, rated grade A
- The power port complies with GB/T 17626.5-2019 for surge immunity testing (severity level 4 for surges), rated grade B