SUNSEA AIOT

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4.1 Hardware Specification

4.2 Service Specification

4.3 Environmental Specification

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Figure 3-1.

4.

4.1

Item	Description
Working standard	
Working frequency	Band 3 UL: 1710MHz~1785MHz, DL: 1805MHz~1880MHz
Working bandwidth	5 MHz/10 MHz/15MHz/20 MHz
Tx power	33dBm
Sensitivity	-102dBm
Synchronous mode	GPS, Air interface (same frequency or different frequency)
Backhaul mode	Electricity or optical
MIMO	2*2
Dimension	347mm (L) * 245mm (W) * 77mm (H)
Installation mode	Pole mounting/wall mounting
Antenna	External high-gain antenna
Power consumption	
Power supply	48V DC
Weight	

4.2

Item	Description
Technical standard	LTE FDD 3GPP Release 9
Max throughput	20MHz: 150Mbps DL, 50Mbps UL 10MHz: 75Mbps DL, UL 25Mbps UL
Service capability	128 active user
Modulation mode	Uplink: QPSK, 16QAM Downlink: QPSK, 16QAM, 64QAM
Voice service	CSFB, VoLTE, eSRVCC
Traffic offloading	LIPA(local IP access) SIPTO(Select IP traffic offloading technology)
SON	Plug and play, self-starting, automatic optimization, automatic configuration
RAN Sharing	Support
Network management	TR069 interface protocol

Item	Description
interface	
North Interface	WebService, Socket, FTP etc..
MTBF	