

## MIAP6500Q-T

Integrated Industrial 300M Long-distance Wireless Bridge



- Frequency 802.11AN, 5.180G~5.825GHz
- The maximum speed can reach 96Mbps
- Overhead barrier-free transmission distance 10-20 kilometers
- The scale of the self-organizing network is not less than 50 units, and the relay capacity exceeds 10 hops.
- Support -40℃~65℃ Operating temperature





## Product Description

MIAP6500Q-T is a high-performance development platform with non-line-of-sight wireless transmission capabilities. It uses Qualcomm chip design and onboard 30dBm 5G 11AN; the maximum rate can reach 96Mbps and the output power is 1W. It can be widely used in driving school subjects 2 and 11AN. 3. data transmission on mobile networks such as cruise ships, rail transit, and railways. It has the functions of online scanning, pre-connection, and intelligent path learning, and can provide high-bandwidth and non-delay data roaming services in high-speed mobile environments.



## Specification

Software	
Network Management	Configuration method: one-click automatic negotiation without computer mode or WEB interface computer configuration
RF Parameters	
Frequency Range	802.11AN, 5.180G~5.825GHz
Modulation	DSSS/CCKBPSK/QPSK OFDM BPSK/QPSK/16-QAM/256-QAM
Transmit power	30dBm
Receive Sensitivity	Max -97dBm
Wireless Speed	300Mbps, MIMO 2*2
Channel Bandwidth	5M/10M/20M/40MHz (adjustable)
Wi-Fi	5.8G
Effective Distance	More than 10-20 kilometers
Power Supply	
Power Input	DC 24V
Average Power Consumption	6W



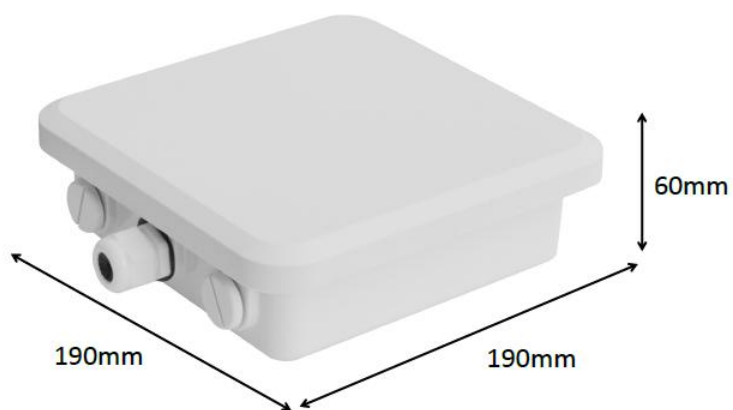
## Specification

Connection	10M/100M RJ45*1
<b>Physical Characteristics</b>	
Dimension	190×190×60(mm)
Weight	About 0.9kg
<b>Working Environment</b>	
Operating Temp	-40℃~65℃
Storage Temp	-40℃~85℃
Relative Humidity	5%~95% (non-condensing)
<b>Industry Standard</b>	
Certification	CE, FC, RoHS



## Installation dimensions

Unit:mm





## Ordering Information

Standard Model	Description
MIAP6500Q-T	Integrated industrial 300M long-distance wireless bridge

## Contact Us

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