



# LigoDLB 5-90 ac -TH

5GHz Base Station with Integrated Antenna

# Specifications

<b>Product Name</b>	LigoDLB 5-90ac-TH
<b>Coverage recommendation</b>	5km/ 3.1mi

## Wireless

WLAN standard	IEEE 802.11a/n/ac, iPoll 3
Radio mode	MIMO 2x2
Radio frequency band	5.150-5.350 GHz 5.470-5.725 GHz 5.725-5.850 GHz
Transmit power	5 dBm
Channel size	5, 10, 20, 40, 80MHz
Modulation schemes	802.11a/n: OFDM (64-QAM, 16-QAM, QPSK, BPSK) 802.11ac: OFDM (256-QAM, 64-QAM, 16-QAM, QPSK, BPSK)
Data rates	802.11ac @ 40MHz: 400, 360, 300, 270, 240, 180, 120, 90, 60, 30Mbps 802.11ac @ 80MHz: 866, 780, 650, 585, 520, 390, 260, 195, 130, 65Mbps
Error correction	FEC, LDPC
Duplexing scheme	Time Division Duplex

## Antenna

Type	Integrated Dual-Polarized 90° Sector Antenna
Gain	18dBi

## Wired

Interface	10/100/1000 Base-T, RJ45
-----------	--------------------------

## Physical

Dimensions	380mm, 100mm, 35mm
Weight	0.460g
Mounting	Pole Mounting Bracket Included

## Power

Power supply	24VDC passive PoE (AC to 24VDC adapter is included in the package)
Power source	100 – 240VAC
Power consumption (max)	10W

## Environmental

Operating temperature	-40°C (-40°F) ~ +65°C (+149°F)
Humidity	0 ~ 90 % (non-condensing)
Ingress Protection Rating	IP67



### DLB 5-90ac-TH

Copyright © 2019 LigoWave. All rights reserved. LigoWave, the LigoWave logo, are trademarks of LigoWave. All other company and product names may be trademarks of their respective companies. While every effort is made to ensure the information given is accurate, LigoWave does not accept liability for any errors or mistakes which may arise. Specifications and other information in this document may be subject to change without notice. To learn more about LigoWave products, visit [www.ligowave.com](http://www.ligowave.com).