

Ithina Gateway-Integrated

Model : IGI-1

The **Ithina Gateway - Integrated** is the connectivity backbone of the Maestro system, deployed across Warehouse, Manufacturing, and Last Mile operations.

It bridges every anchor and tag on the floor, in a facility, or inside a delivery vehicle to the backend platform, relaying location and data in real time. Deployed once per facility or vehicle, the IGI-1 provides its own dedicated wireless connectivity, so it doesn't need to connect to a customer's existing IT network.



FEATURES

Real-Time Data Relay
between Anchors, Tags

Independent Connectivity

Supports Multiple
Simultaneous Anchor
and Tag Connections

One platform across Warehouse,
Manufacturing, Last Mile
Deployments and Cold-Chain

Fast Wireless Updates

Enterprise-Grade
Security

100 m Wireless
Communication Range

Easy Installation

Cloud or On-Premise
Deployment

Sustainable Retail
Technology



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TECHNICAL DATA	VALUE
Dimensions (mm)	254 x 185.6 x 33.5
Dimensions (inch)	10 x 7.2 x 1.319
Part Number	89-00003-02
Ports	10/100 Ethernet with IEEE 802.3af PoE S upport 12 VDC, 1.2 A barrel-jack Power Input RJ45 Console Port (Development/Debug Use only),Wireless 2.4GHz
Operating Temperature (°C [°F])	0 to 50 (Ambient Model) -20 to 40(ELT Model)
Antenna	4 External antenna
Data Rate	2Mbps
Connected Device Capacity	More than 100,000 devices per Access Point(AP)
Antenna Gain	6dBi
Power Supply	IEEE 802.3 Ethernet Switch, 12 VDC, 1.2A Barrel-Jack Connector Maximum Power Consumption: 13 W**
Compliance	Safety: EN 60950-1 Radio Certifications: EN 300.328, EN 55022, EN 62311 EMI (Class B): EN 301.489-1
Power	13W Power over Ethernet/ 12 VDC Barrel
Weight(in gms)	893
Weight(in ounce)	31.5

Notes:

1. Battery life is stated for a well-managed RF environment and with up to 3 updates per day at room temperature

2. Batteries are field replaceable and can be procured from Ithina

3.Avoid direct exposure to sunlight or other IR/UV sources

4. Products may be affected if not operated or stored in accordance with Operational and Storage conditions

5. Long term product storage (more than 2 weeks) should be kept in compliance with specifications listed for the Operational Temperature and Relative Humidity range

A PERFORMANCE EDGE IN ANY ENVIRONMENT



TRANSPORTATION
AND LOGISTICS



MANUFACTURING



HEALTHCARE



HOSPITALITY



RETAIL



WAREHOUSING



FIELD SERVICE
AND UTILITIES



GOVERNMENT
AND PUBLIC
SAFETY

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