



IT2012 Cellular USB Modem For AT&T, Verizon and T-Mobile

Features

- The H2O Degree IT2012 is a Cellular USB modem for AT&T, Verizon or T-Mobile services.
- The IT2012 features an easy to use connection manager and internal antenna.
- SMS (Short Message Services) enabled.
- Drivers available for Windows and Linux. AT command compatible.
- Certified and carrier approved.
- Two year warranty.



Overview

The H2O Degree IT2012 is a USB cellular modem for use with the H2O Degree system. The modem is built for long life while delivering reliable data connectivity. The modem installs easy and is available for use with AT&T, Verizon or T-Mobile networks.

Ordering Information

Model	Description
IT2012	Cellular USB Modem for use with AT&T or T-Mobile
IT2012-V	Cellular USB Modem for use with Verizon

4/2017

H2O Degree
3580 Progress Drive, Suite L
Bensalem, PA 19020

www.h2odegree.com
(215) 788-8485
info@h2odegree.com



IT2012 Cellular USBt Modem

For AT&T, Verizon and T-Mobile

Technical Specifications

IT2012 (AT&T or T-Mobile Carriers)

Technical Specifications

Performance: HSPA+

Frequency Band (MHz):

3G Hepta-band: 800/850/900/AWS1700/1900/2100

2G: Quad-band: 850/900/1800/1900

Packet Data: Up to 21.0 MBPS downlink, Up to 5.76 MBPS uplink

SMS: Point-to-Point Messaging, Mobile-Terminated SMS, Mobile-Originated SMS

USB: USB 2.0 High Speed Compatible

IP Protocols: TCP/UDP/FTP/SMTP

Operating Voltage: 5V via USB Bus

Connectors

SIM Connector: Mini SIM, 1.8 and 3V

Physical Description

Dimensions: 3.1" L x 1.58" W x 0.74" H

Includes 7" integrated USB cable

Environmental

Operating Temperature: -40° to +122° F (-40° to +50°C)

Storage Temperature: -40° to +185° F (-40° to +85°C)

Humidity: Relative Humidity 15% to 93% non-condensing

Certifications

Regulatory Compliance: FCC Part 15 Class B, IC, R&TTE

Safety: UL60950-1, cUL60950-1, IEC60950-1

Network: T-Mobile, AT&T

Warranty

Two Years

IT2012-V (Verizon Carrier)

Technical Specifications

Performance: EV-DO

Frequency Band (MHz):

Dual-Band 800/1900

Packet Data: Up to 3.1 MBPS downlink, Up to 1.8 MBPS uplink

SMS: Point-to-Point Messaging, Mobile-Terminated SMS, Mobile-Originated SMS

USB: USB 2.0 High Speed Compatible

IP Protocols: TCP/UDP/FTP/SMTP

Operating Voltage: 5V via USB Bus

Physical Description

Dimensions: 3.1" L x 1.58" W x 0.74" H

Includes 10.5" integrated USB cable

Environmental

Operating Temperature: -40° to +122° F (-40° to +50°C)

Storage Temperature: -40° to +185° F (-40° to +85°C)

Humidity: Relative Humidity 15% to 93% non-condensing

Certifications

Regulatory Compliance: FCC Part 15 Class B

Safety: UL60950-1

Network: Verizon

Warranty

Two Years

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IT2012-V

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Cellular USB Modem for use with Verizon

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