

# Ubiquiti Networks 11FX Specs

RF Connectors	4 x SMA weatherproof TX 0, RX 0 (chain 0) and TX 1, RX 1 (chain 1) 2 x N-Type waterproof, one per duplexer
Power Supply	50 VDC, 1.2 A PoE Gigabit adapter (included)
Power Method	Passive Power over Ethernet Pins 1, 2, 4, 5 (+) and Pins 7, 8, 3, 6 (-) or DC power block
Power Consumption	36 W
Supported Voltage	38-56 VDC
Mounting	Integrated pole mount included Oversized rocket mound compatible
Certifications	CE, FCC, IC
Operating Temperature	-40 to 131°F / -40 to 55°C
LEDs	8 x Status LED indicators <ul style="list-style-type: none"><li>• Data port link/activity</li><li>• Management port link/activity</li><li>• MIMO mode</li><li>• RF link</li><li>• 4 x Autoscaling signal strength bar graph</li></ul>
Networking Interface	<b>Data Port</b> 1 x 10/100/1000 Ethernet port

## Management Port

1 x 10/100 Ethernet port

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## System Specifications

### Processor

INVICTUS 2 IC

### Maximum Throughput

1.2+ Gbps

### Maximum Range

186+ mi / 300+ km

### Encryption

128-bit AES

### OS

airOS F

### Wireless Modes

SISO/MIMO

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## Wireless Radio Specifications

### Frequency Range

10.7-11.7 GHz

### Max. Conducted TX Power

30 dBm

(Dependent on regulatory region)

### Frequency Accuracy

± 2.0 ppm

### Channel Bandwidth

3.5/5/7/10/14/20/28/30/40/50/56 MHz selectable

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## Suggested Max. TX Power

10x (1024 QAM) 18 dBm

8x (256 QAM) 21 dBm

6x (64 QAM) 24 dBm

4x (16 QAM) 30 dBm

2x (4 QAM) 30 dBm

1x (QPSK) 30 dBm

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## Duplex Operation

Low Channel: 10.940 to 11.200 GHz

High Channel: 11.440 to 11.700 GHz

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## Dimensions

12.87 x 4.41 x 3.39" / 327 x 112 x 86 mm

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## Weight

5.00 lb / 2.26 kg

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## Packaging Info

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Package Weight	6.4 lb
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Box Dimensions (LxWxH)	14 x 6.1 x 4.4"
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