Inseego Wavemaker™ FX3100 Indoor Router
Specification Sheet

Reliable and secure high-speed connectivity.

The Inseego Wavemaker™ FX3100 is a sleek and simple 5G indoor router that delivers fast and reliable broadband internet access. This router is the perfect solution for small businesses needing a high-speed connection. The FX3100 allows up to 64 connected devices, a USB-C port for tethering, and two ethernet ports. The FX3100 offers top-tier security with OpenVPN and VPN Pass-Through for a secure, remote connection to your network.

Data Plan*	Device Cost	Service Fee**
Unlimited 5G/4G	$380	$10/month

* T-Mobile is providing Mobile Beacon's users with an unlimited 5G data plan (with backup nationwide 4G LTE access as well) subject to T-Mobile's network management policy for the unlimited data plan. T-Mobile's "Quality of Service" Practices (QoS): Unlimited customers who use more than 100 GB of data during a monthly billing cycle will be deprioritized during times and places when the T-Mobile network is constrained. See Mobile Beacon's FAQs and T-Mobile's terms and conditions for further details. Subject to availability. Eligibility restrictions and other restrictions may apply. All service plans are subject to Mobile Beacon's Terms and Conditions located at www.mobilebeacon.org/legal/legal-info/.

** Due to the significantly reduced service rates, Mobile Beacon's service plans must be paid annually in advance. The service fee for unlimited access is $120/year per device.

www.mobilebeacon.org/routers

Network connectivity
- 5G sub-6 GHz
- 5G NR Sub6 bands: n2, n5, n12, n25, n26, n38, n41, n48, n66, n71, n77
- NSA, SA, NR-CA, DSS supported
- NRS antenna switching
- 4x4 MIMO 5G sub-6 GHz
- CBRS
- C-Band support including DoD
- 4G LTE Cat 19
- LTE bands: 2, 4, 5, 12, 13, 26, 38, 41, 46, 48, 66, 71
- 4X4 MIMO 4G LTE, 2 CA
- 256 QAM sub-6 GHz
- 3G HSPA+/UMTS

Wi-Fi
- 802.11 a/b/g/n/ac/ax
- Wi-Fi 6 with 2x2 MU-MIMO
- Simultaneous dual-band Wi-Fi
- Multiple SSID/guest Wi-Fi support
- Connect up to 64 Wi-Fi-enabled devices

Ports
- 2x Ethernet WAN/LAN 1 Gbps
- 1x USB 3.1 Type-C 5 Gbps (data & tethering)
- 2x TS9 external antenna ports

SIM
- Dual SIM - 4FF Nano

Dimensions & Weight
- 160 mm x 76 mm x 52 mm (6.3" x 3" x 2")
- 350 g (12 oz)

Security
- Secure Boot
- Admin Security
- AES 256 Encryption
- Security Hardened Web Interface
- Password Hash
- Session Timeout
- Wi-Fi On/Off Control
- Incorrect Password Lockout
- Block Factory Reset
- Encrypted\ Configuration Backup Restore
- Advanced Firewall
- Wi-Fi Security
- Wi-Fi Security (WPA WPA2/WPA3)
- Wi-Fi Protected Setup (WPS 2.0)
- Wi-Fi Privacy Separation
- Configurable DNS
- MAC Address Filtering
- NAT Firewall
- Port Forwarding
- Port Filtering
- Anti CSRF (OWASP)
- OpenVPN
- VPN Passthrough