# Skyus™ 3G
## Embedded Modem Kit

**FEENEY** wireless™

### 3G Embedded Modem Kit

Built to work specifically with the Sprint 3G Mobile Data Network, the Skyus™ 3G platform is a rugged, low-cost modem kit designed for embedded and OEM systems. The Skyus platform simplifies integration efforts of adding mobile connectivity in M2M solutions. This is accomplished by combining a 3G radio module within an M2M-Ready adapter board that is specifically built for embedded applications.
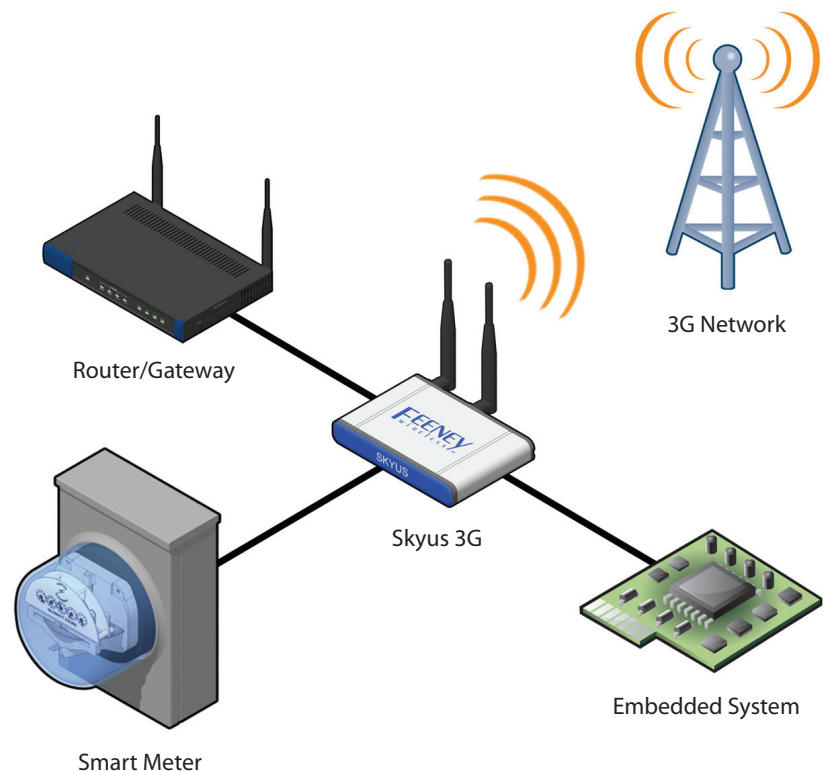
**FW** CERTIFIED PRODUCT ™

### Making M2M Easy

The Skyus performs like an embedded module, but is carrier pre-certified; allowing for a smoother and quicker transition to market. In addition, the Skyus connects via USB, which is a common interface across embedded systems, wireless gateways and emerging M2M devices. With support for Windows and Linux, the Skyus is ready to connect – now!
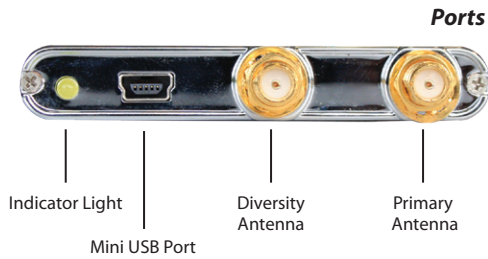
***The Skyus is the easiest path to M2M connectivity.***
The Skyus platform accelerates time-to-market for creating connected devices. In contrast to standalone radio modules, the Skyus uses standard USB connections for the physical interface, making it readily compatible with the largest choice of host devices. And unlike consumer grade USB modems, the Skyus has external SMA antenna ports to optimize reception and coverage. Packaged into a lightweight and durable housing, the Skyus is M2M-Ready.

### Sample Applications

### Key Features:

- Carrier certified modem kit
- Secure 3G broadband connectivity
- Easy installation and activation
- USB power optimization
- Equipped with external SMA antenna ports
- Primary and diversity antenna support
- Optional mounting bracket

### Applications

- Embedded Systems
- OEM Platforms
- Smart Grid
- Digital Signage
- Vending/Kiosk
- Connected Health

Router/Gateway

3G Network

Skyus 3G

Embedded System

Smart Meter

# Technical Specifications



**Ports**

Indicator Light

Mini USB Port

Diversity Antenna

Primary Antenna



*Top*

## Technology:

- USB Modem with Mini USB connector and USB Cable
- Chipset: Sierra Wireless MC5728V
- Band: CDMA 1xRTT/EV-DO RevA 800/1900 MHz
- Data Rates: Peak download speeds of up to 3.1 Mbps and peak upload speeds up to 1.8 Mbps

## Hardware Specifications:

- Dimensions: 2.7" x 2.25" x .4"
- Weight: 1.4 oz
- Power: USB Power Optimization 2.5W max
- Data Interface: USB 2.0 Mini B Connector
- Activity: LED x 1
- Antenna Connectors: SMA Female x 2 – Primary and Diversity

## Environmental:

Operating Temperature: -30° C to 60° C

## Approvals:

- Regulatory: FCC
- Carrier: Sprint

## Operating Systems Support:

- Windows® XP 32 and 64 bit
- Windows® Vista 32 and 64 bit
- Windows® 7 32 and 64 bit
- Linux

## Application Software Compatibility:

- AT Commands
- Sprint SmartView Connection Utility

FEENEY WIRELESS™

4085 W. 11th Ave. Unit 3
Eugene, OR 97402
TEL: 800-683-4818
sales@feeneywireless.com
**www.feeneywireless.com**