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Carlson Wireless Technologies, Inc.  
I-WLL-T  
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## 12 Product Description

The i-WLL-T Trailblazer All-Digital, Internet-Ready, Remote Phone Link is a dual line, point-to-point, spread spectrum telephone system that delivers v.34 data rates, providing email and Internet web surfing from your remote PC - as well as high-quality voice! And both lines are fully independent and will transmit either voice or data.

The i-WLL-T Trailblazer breakthrough offers many advantages not found in the market today:

- Never needs tuning because i-WLL-T is a 100% digital, self-configuring, eight channel system. This simplifies installation and greatly reduces the need for maintenance and service over time.
- Complete privacy is assured by the fully encrypted, spread-spectrum modulation scheme.
- Highly efficient spectrum use from a unique combination of FDMA and CDMA.
- Seamless integration with the global telephone network assured by i-WLL-T's worldwide ISDN system architecture with full 144 kbps bandwidth.
- No individual license needed for operation - the i-WLL Trailblazer uses the globally license-exempt 2.4 GHz ISM frequency band.
- Flexible voltage – low power usage - just 2 to 4 Watts at any DC voltage between 12 and 48V.
- Small, lightweight, self-contained units make the Trailblazer easy to install. FXO (central office) and FXS (subscriber) units - include all electronics, antenna and RF cabling and are housed in a weatherproof enclosure just 8h x 10w x 5d inches (22h x 27w x 13d cm).