

LinkGem™

**Portable wireless handheld tablet for
eSignature applications**



Model T-RFS261-P

Features

Secure 2.4 GHz FHSS wireless communication system

77 separate channels allow multi-system operation

Large, rugged signature surface

4.6" x 1.0" active area

PenGem™ active electromagnetic pen

over 30 million tip activation cycles

Patent-pending Proximity Alert

Alarm sounds on tablet and base when tablet is out-of-range

E-Sign law-compliant biometric signatures and software

encryption, compression, and authentication for eCommerce



Applications

- walk-up or drive-up teller
- Drive-up pharmacy window
- ID verification for high-security applications

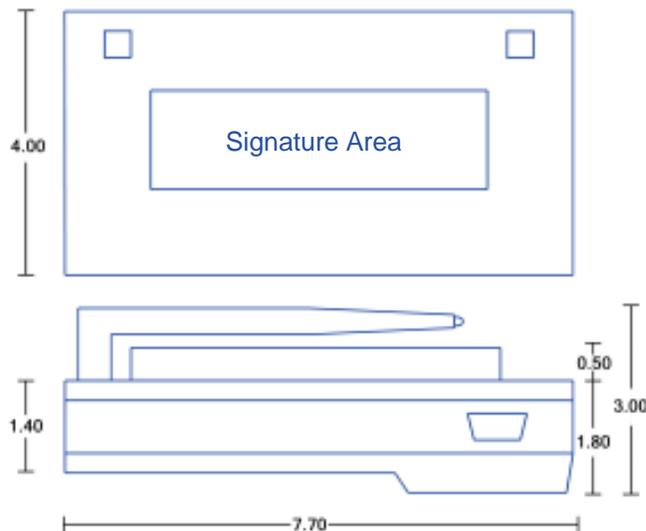
Description

The Topaz Model LinkGem T-RFS261-P1B is a rugged and complete wireless signature capture system for anywhere that the benefits of eSignatures are needed. Topaz LinkGem wireless tablets allow businesses to replace paper-based document transaction or identity verification with secure and legally-binding electronic signature applications. The frequency-hopping spread-spectrum 2.4 GHz wireless transceiver used by LinkGem tablets allows for extreme portability in a wide variety of eSignature application environments. For example, the wireless design can be used for ID verification through a bulletproof partition in a law-enforcement or correctional facility where running a data cable is not a viable option. The unit is also useful at drive-up teller windows in banks or pharmacies where it can be passed easily from the teller to the customer and back again. The design of the active PenGem pen allows the sensor to be mounted inside the rugged tablet housing, meaning that the signing surface will never wear out, even after millions of signatures. The PenGem itself is rated at over 30 million tip activations, but should the need arise, batteries and plastic pen tips can be easily replaced without any dis-assembly required. The convenient design of the tablet features pen storage, proximity alert, remote activation, and power-saving standby mode. The base unit can be hot-plugged into the computer and need not be connected during the boot process. Tablet MTBF is 1 million hours and the pen batteries offer a lifetime of 250,000 signatures. SigPlus™ Active-X, Java, shared C library and application software allow for signature capture, encryption, and image-file creation. Receiver base adapters are available with standard RS-232 (serial) or USB interfaces.

Specifications

PARAMETER	SPECS	REMARKS
Transmit distance	500 ft. min (Line-of-sight) 50 ft. min (non line-of-sight)	Environment dependent
Battery life	70 hours max (standby) 390 minutes max (capture mode)	
Signature resolution	410 points/inch	
Pen life	more than 30 million tip activation cycles	
Software	ActiveX control, Java bean, biometric verification, encryption, database-compatible ASCII, Wintab	Compatible with Win98, Me, NT, 2000, XP; MS Word, Excel; Lotus Notes, Domino; Adobe Acrobat; VB, VC++, Delphi, ASP, EMF
Power	+7.2 Vdc, 175 mA max	2 Eveready ER-P730 NiMH battery packs (included)
MTBF	more than 100,000 hours	
Maximum ratings	operating: 0 to 50 deg C storage temp: -20 to 65 deg C humidity %: 10 to 90	non-condensing

Mechanical Outline



Ordering Information

Model T-RFS261-P1B *Portable RF signature-capture tablet*
L-RFB-100-B *matching RF base unit (required)*

For more information or to place an order, contact the Topaz Systems sales dept. at (805) 520 8282

Topaz Systems, Inc.
650 Cochran Street Suite 6 Simi Valley, CA 93065
phone: 805 520 8282 fax: 805 520 0867
www.topazsystems.com