PDT 8137

Integrated GPRS for WWAN Applications

symbol®

A mobile device with seamless anytime anywhere WWAN connectivity

The PDT 8137 from Symbol Technologies' delivers the power of mobile data and voice communications with integrated Wireless Wide Area Network (WWAN). Integrated GPRS capability enables access to corporate applications and databases, web-browsing, email, and more, as well as voice-over-GSM— delivering seamless anytime anywhere connectivity.

The power to support any application beyond your doors

GPRS delivers a first: the speed required to break the previous barriers for fast, complete mobile Internet functionality. With integrated GPRS, the PDT 8137 is equipped to enable a world of applications beyond the doors of your company that increase efficiency and profitability, including:

Transportation and Logistics—Reduce waiting times and increase the speed of delivery and shipping cycles with real-time status of vehicles, enabling customers to clear dock and have adequate manpower ready and waiting to receive the delivery.

Retail—Extend the reach of your sales, credit card transaction processing and real-time management of inventory beyond your walls to remote kiosks and outdoor environments such as malls, stadiums and street fairs.

Sales Force Automation—Enable a true mobile sales force with the ability to check inventory, pricing, place orders and track shipments, right from the customer's location for the ultimate in on-site customer service.

Field Service—Improve the efficiency and service levels of your field service applications with real-time work orders, the ability to check parts and supply availability, instant access to the expertise of other service team members, and other real-time email communications such as urgent service calls, workflow redirects, and service call cancellations.

Delivery—Shorten delivery cycles with the combination of WWAN connectivity, barcode scanning and signature capture capabilities via faster reconciliation at customer location.

Loaded with Features for Power and Performance

This versatile, large-screen handheld device delivers the power to perform with the features you need to suit any application and business need. The PDT 8137 is equipped with the Intel® StrongARM processor, operating at 206 MHz, 64 MB of RAM and 32 MB of ROM. The Pocket PC platform provides a mobile extension of the Windows environment, a familiar environment for users, and one of the most robust development platforms. A user-accessible CompactFlash™ slot provides expandability for

Features	Benefits
Microsoft® Pocket PC platform	Portable convenience and a familiar, flexible computing platform
Rugged construction— sealed to IP54 standards with 4 ft./1.2 m drop to concrete	Operates in harsh environments
Integrated GPRS WWAN connectivity	Anytime, anywhere voice and data access
Symbol's miniature scan engine	High-performance 1-D scanning even in bright light
64 MB RAM, 32 MB ROM	Ample memory capacity for data and applications
¼ VGA display	Large, easy-to-read display
Rechargeable lithium-ion battery	Maximum usage between battery charges
Keyboard and touch screen data entry	Multiple modes of data entry for maximum efficiency
Choice of 28-, 37- and 47-key keyboard options	Optimized features, functionality and key layout for mobile applications
Back-lit keyboard	Usable under low-light conditions
IrDA port	Enables data transfer to peripherals such as printers
User accessible CompactFlash™ card slot	Provides flexibility for expansion and storage; protection against data loss

a wide variety of applications, as well as backup storage. Built-in power management capabilities ensure maximum battery life without user intervention. An IrDA port enables easy access to printers. And a full suite of options enable you to customize the PDT 8137 to best meet your needs, including an optional head-set, a magnetic-stripe reader and more.

Profit from Symbol's Strength

When you choose Symbol, you choose the worldwide leader in mobile computing and bar code-driven data management systems, with millions of mobile devices and scanners and thousands of wireless network installations in use worldwide.

The PDT 8137 is backed by Symbol Technologies' worldwide service repair and support network. To find out how the PDT 8137 can increase your productivity and profitability, call any of our convenient locations or visit us at **www.symbol.com/mobile**

PDT 8137 Series Specification Highlights

Physical Characteristics	
Dimensions:	Overall: 8.4 in. L x 3.7 in. W x 1.8 in. D/213 mm L x 93.9 mm W x 45.7 mm D; Grip Area: 3.0 in. W x 1.0 in. D/76.1 mm W x 25.4 mm D
Weight (including battery):	15.5 oz./440 g
Drop Specification:	4 ft./1.2 m to concrete
Display:	¼ VGA (320 x 240 portrait) with 16-level grayscale
Battery:	1550 mAh lithium-ion
Environmental Sealing:	IP54 (windblown dust and rain)
Operating Temperature:	Monochrome: -4° to 122° F/-20° to 50° C (or better depending on the application)
Storage Temperature:	-13° to 122° F/-25° to 50° C
Humidity:	5% to 90% RH noncondensing
Electrostatic Discharge (ESD):	8 kVdc air; 4 kVdc contact
Expansion Capabilities:	Type II PC (internal); Type II CF (user-accessible)
Back-lit Display:	EL
Back-lit Keyboard:	LED
Keypads:	Choice of 28-, 37-, 47-keys; plus 2 side scan keys

Performance Characteristics	
CPU:	Intel SA 1110 @ 206 MHz
Operating Platform:	Microsoft® Pocket PC
Memory:	64 MB RAM/32 MB ROM
Application Development:	Fully compatible with Microsoft SDK for Pocket PCs; Symbol SDK available to support bar code scanning
Communications:	IrDA 1.1; RS-232

Wireless Data Communications	
Wireless Wide Area Network:	Monochrome only: Integrated GSM/GPRS; user-accessible SIM socket for GSM/GPRS
Antenna:	External (WWAN)

Peripherals and Accessories	
Speaker/Microphone:	Integrated, plus headset and headset jack for voice-over-GSM voice communications
Cradles:	1 slot serial charge cradle; 4 slot Ethernet charge cradle; Vehicle cradle (spare battery charge, terminal charger data interface)
Communication and Charging Cables:	DEX cable; auto-charge cable; serial/charge cable; printer cables
Magnetic Stripe Reader (MSR):	Snap-on serial connection swipe reader attachment
4-Slot Universal Battery Charger (UBC):	Simultaneous charge of 1-4 batteries; requires adapters for PDT 8137 batteries
Other Accessories:	Snap-on land line modem; carrying case; portable printer (8.5" format) with terminal slot; headset

Regulatory	
Electrical Safety:	Certified to UL 1950, CSA C22.2 No. 950, EN60950/IEC950
EMI/RFI:	FCC Part 15 Class B, ICES-003 Class B, European Union EMC Directive, Australian SMA
Laser Safety:	CDRH Class II, IEC Class 2

CN410 CE

CAUTION
LASER LIGHT—
DO NOT STARE INTO BEAM
630nm-680nm LASER
1.0 MILLIWATT MAX. OUTPUT
CLASS II LASER PRODUCT

For system, product or services availability and specific information within your country, please contact your local Symbol Technologies office or Business Partner.

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