

HAND-HELD TERMINALTrakker® Antares™ **T2420****Benefits:**

- **Built to last with rough handling and in harsh environments**
- **Large display, full keypad and multiple scanning options increase operations efficiency**
- **Ergonomic design for comfortable and convenient use**
- **Upgradable to RF to protect your investment**
- **Efficient application development with industry standard tools and program generator**
- **Designed for batch applications with long life battery and convenient communications accessories**

The T2420 is a full-featured terminal suited to inventory control, asset management, item tracking, maintenance management and other off-line data collection applications. Built to last, it will survive the repeated drops and rough environmental conditions found in manufacturing, distribution and health care and other demanding uses.

Applications can be developed using industry standard language tools; no proprietary languages to learn and support. The task is even quicker with EZBuilder™, a rapid application development and prototyping tool that requires no programming language expertise at all. Fast data communications to a PC or modem are supported either through a portable serial adapter or a unobtrusive desktop communications dock.

With its lithium ion main batteries - normally found in more expensive computers and laptop PCs — data can be collected for a normal shift or longer without a battery change. Recharge them gradually while the terminal is in the communications dock or quickly in a convenient multi-pack charger. Data will be saved for days in the event the main battery is temporarily or accidentally removed.



Standard memory and non-volatile storage will satisfy most application requirements. For larger files or portable data bases, add 2 or 4MB memory expansion options. Transform the T2420 to a wireless terminal easily with an RF module. Integrated scanners are replaceable modules for easier maintenance.

And the T2420 is a part of a larger family of hand-held, vehicle mount and stationary shop floor terminals.

Trakker® Antares™ T2420

Physical Characteristics

Length: 26.9 cm (10.6")

Height: 7.1 cm (2.8") at scanner,
5.7 cm (2.3") at grip

Width: 8.2 cm (3.2") at scanner,
6.4 cm (2.5") at grip

Weight: 620 g (22 oz.) including battery

Display

CGA compatible backlit LCD displaying 16 lines of 20 characters per line (160 x 128 dot matrix) plus graphic status icons

Full 25 x 80 virtual screen with viewporting

Keyboard

Elastomeric 56-key with full alphanumeric set, function keys and oversized numeric

Bar Code Scanning Module Options

Integrated visible laser diode scanner

USA/Canada Class II, International Class 2

Depth of Field—Standard Range (670nm)

5 mil	9.4-15.7cm	3.7-6.2"
10 mil	7.4-35.3cm	2.9-13.9"
20 mil	10.2-63.5cm	4-25"
30 mil	10.2-86.4cm	4-34"
40 mil	12.7-99cm	5-39"
55 mil	19.1-126cm	7.5-49"
55 mil retroreflective	105-151cm	41-59"
100 mil retroreflective	113-227cm	44-89"

Depth of Field—Long Range (650nm)

5 mil	29.5-49.8cm	11.6-19.6"
10 mil	21.8-85.3cm	8.6-33.6"
20 mil	21.8-98cm	8.6-38.6"
30 mil	24.4-192cm	9.6-75.6"
40 mil	24.4-204.7cm	9.6-80.6"
70 mil retroreflective	192-410.5cm	76.6-161.6"
100 mil retroreflective	212.3-532.4cm	83.6-209.6"

Optional adapter module with 10-pin connector for use with Intermec cabled scanners and wands

Serial Data Communications

Optical (sealed) serial interface

RS232-C up to 38.4 baud

XMODEM, YMODEM for data transfer

Supports Configurable Serial Protocol and XON/XOFF

Bar Codes Supported

Code 39, 2 of 5, Interleaved 2 of 5, Codabar, UPC/EAN Code 128, Code 11, Code 93, Plessey, MSI, Code 16K, Code 49, PDF-417 supported using tethered scanner

RF Upgradable

Can be retrofitted with integrated RF module

2.4 GHz (to 2.4835 GHz)

Up to 1.6 Mbps/sec.

150m (500 ft.) coverage radius indoors,
450m (1500 ft.) outdoors

Frequency Hopping Spread Spectrum

Programmability

Microsoft® C

Power

Operating: Lithium ion battery pack

Memory Backup: Rechargeable NiCad

Memory

RAM Memory: 1MB total, 512K available

Non-volatile Memory: 2MB total (operating firmware, configuration data, application and data storage), 768K available

Additional 2MB (4MB total) optional

Extended Memory: 2MB or 4MB SRAM

Environment

Operating: -20° to 50°C (-4°F to 122°F)

Storage: -20° to 60°C (-4°F to 140°F) for less than two weeks

Humidity: Non-condensing (0 to 95% RH)

Shock and vibration protection: Withstands 4-foot drop to concrete

Accessories

Battery charger, battery pack, Holster, belt, belt clip, handstrap, Vehicle mount holder for industrial trucks, Serial communications dock (also trickle charges), Optical serial adapter, User manual, Programmer's Software Kit (PSK), EZBuilder™ Rapid Application, Development software

Regulatory Approvals

UL Listed, UL 1950 and C22.2 No. 950, TÜV Rheinland GS, EN 60950 and EN 60825-1, FCC Part 15, Canada, RSS210 and ICES-003, Class B, EN 55022 / CISPR 22, Class B, ETS 300 328, ETS 300 339, Compliant with all European Directives, CE marked



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