

# DataGun I

## UHF Series



### Handheld RFID Reader/Barcode Scanner

#### Benefits:

- Complete data acquisition capability with both barcode and RFID
- Circularly polarized RFID antenna to reduce tag orientation issues
- HyperSage™ Mobile RFID middleware that allows direct interface to end-user applications and eliminates the need for custom software for data processing and system management
- Easy setup and one-touch transition from RFID to barcode reading with HyperSage™ software
- Basic asset tracking application software available
- 50% lighter and 25% smaller than competing RFID handhelds
- Rugged design (5 ft drop to concrete)

#### Features:

- Runs WinCE 5.0 on 520MHz PXA270
- EPC Gen 2 RFID reader with circularly polarized antenna
- 1-D laser barcode scanner standard; 2-D scanner optional
- Recommended EID Middleware for data processing, system control, and host communication interface
- Extended battery life (3000mAh battery + second 4400mAh battery in gun handle)
- 3.5" touch screen display with stylus
- 802.11b/g WiFi
- MicroSD expansion slot
- Optional ISO15693 or ISO14443A/B HF RFID reader (replaces UHF reader)
- Optional 1.3 megapixel fixed-focus camera with flash
- 22 button keyboard



DataGun  
RFID/Barcode Reader

#### Available Accessories

- Single Slot cradle with Ethernet
- Vehicle cradle
- Belt clip, hand strap

## Overview

The Element ID DataGun is smaller, lighter, and easier to use than competing handhelds. It offers both barcode scanning and RFID reading capabilities for customers that want to prepare for future expansion or gradually migrate from legacy systems. These units are rugged and rated for a five foot drop to concrete and **includes basic cradle with USB, data cable, power supply, and stylus.**

The units are highly configurable with an array of options for nearly any data acquisition task and host interface method. Adding EID's proprietary RFID middleware, HyperSage™ Mobile, allows direct interface to end-user applications and eliminates the need for custom software for data processing and system management.

# Mechanical Dimensions



Top View

Front View

Side View

## Specifications (Standard Unit)

### General

Operating System	Windows CE 5.0
Processor	Intel PXA 270, 520 MHz
Flash Memory	128 MB RAM, 256MB Integrated
Battery	3000mAh + 4400mAh (gun handle) Li-Ion 150mAh internal backup
LCD Display	3.5" backlight, touchscreen
Ethernet	802.11 b/g WLAN
Keyboard	22 key Alpha-numeric with backlight
Dimensions & Weight	6 in. x 5 in. x 3 in. 2 lbs
Environment	0°F to 120°F operating temperature 95% non-condensing humidity
Dust & Moisture	IP-54
Drop Rating	5 ft to concrete

### Scanners

Barcode	1-D laser
RFID Maximum Power	28 dBm
RFID Read Range	Up to 25 ft
RFID Standard	UHF 866 - 956 MHz (UHF - EPC C1G2)

### Optional Add-Ons

Barcode	2-D imager
Location	GPS with integrated antenna
RFID	HF 13.56 MHz (ISO15693, ISO14443A/B, MIFARE)
Camera	1.3 Megapixel, fixed focus with flash



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