

CIPHER LAB

Linear Imaging Scanner

1300 SERIES



- Support for 1D & 2D (PDF417) codes
- Highest Speed in the world: 270 scans/second
- Designed for Industrial Applications
- Field Upgradable, 1D → 2D
Online → Memory

1300 SERIES

1300 SERIES Linear Imaging Scanner

Models:

1300 - The base model online scanning of 1D barcodes, excelling in densities starting at 0.125 and lower.

1301 - The PDF enabled model of the 1300

1310 - The memory model. It comes with 256KB for user data.

1311 - The PDF enabled model of the 1310

Specifications

Electrical

Voltage:	+5V or +2.4V to 14.5V
Power Consumption	
Operation:	< 250 mA
Standby:	< 125 mA
Light Source:	630nm Visible red LED
Scan Rate:	270 scans per second
Skew / Pitch Angles:	$\pm 30^\circ$ / $\pm 15^\circ$
PCS(Min):	0.45

Environmental

Temperature(operating):	0°C ~ 40°C
Temperature(storage):	0°C ~ 50°C
Humidity(operating):	10% ~ 90% non-condensing
Humidity(storage):	5% ~95% non-condensing
Shock Resistance:	180cm drops onto a concrete surface

Physical

Weight:	250g (cable not included)
Housing:	ABS plastic
Switch:	Rubber switch
Color:	Grey

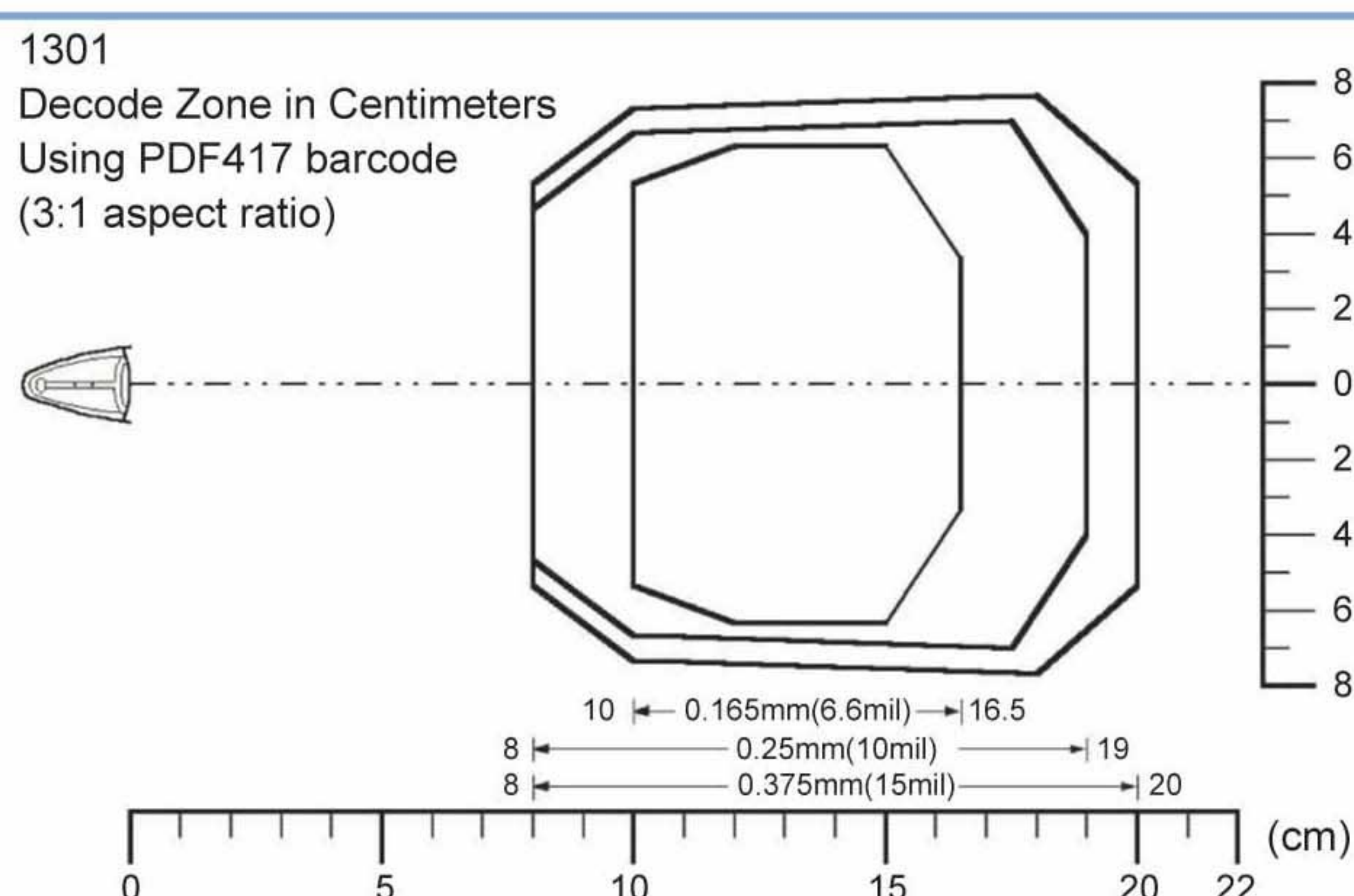
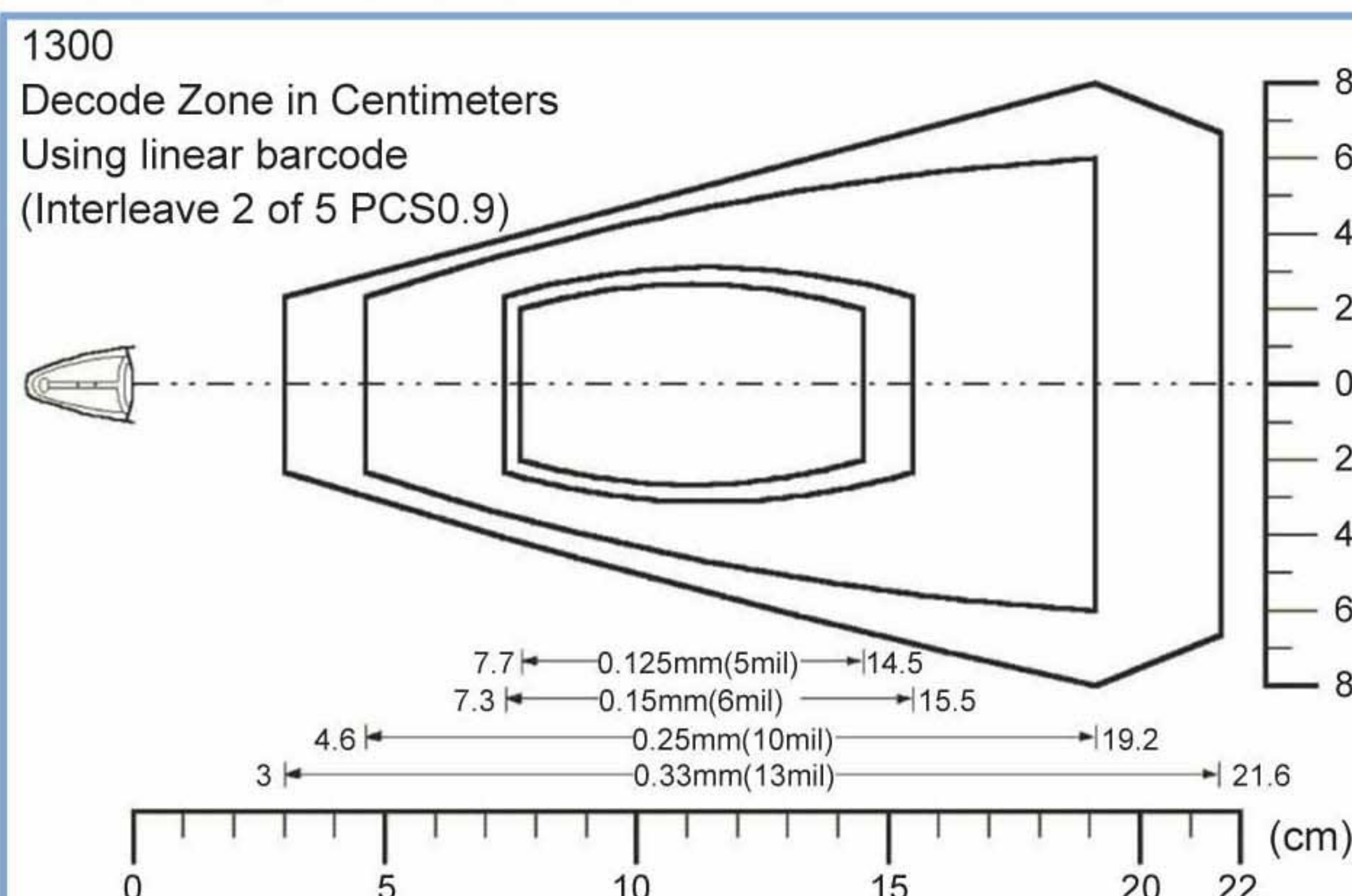
Warranty

3 Years

Safety & Regulatory Approvals

FCC class-A, CE, C-tick

Reading Performance



Holster



Battery Charger



Download Station

Features

Interface Type:	Single unit for different interfaces: K-B Wedge, RS-232, Wand Emulation
Symbology Supported:	Code 39/Full ASCII, Codabar, Pharma Code, Industrial 2 of 5, Interleave 2 of 5, Matrix 2 of 5, Code 93, Code 128, EAN 128, MSI, EAN 8&13, UPCA & E, Plessey & PDF417
Keyboard Interface:	IBM PC/XT/AT & compatible, PS2-30, PS-55
Indicator Buzzer :	Programmable Tone - Dual Buzzer
LED:	Red Color for Good Read; Green Color for Status
Programmable Features:	Code ID, Prefix Code, Postfix Code, Length Code, Barcode type. Buzzer frequency, ISBN/ISSN/CLSI/UK Plessey conversion, Keyboard layout, Inter-character delay, Scanning mode, Language type, Time out, Baud rate, Data bit, Transmission mode, Character replacement
Data Editing Mode:	Seven editing formats are supported. The following conditions can be programmed: code type, data length and location. Data can be divided into 6 Matching string fields. Five additional fields can be programmed for each editing format. User programmable field transmission sequence.
Language Support:	English(US), English(UK), French, Italian, Belgian, German, Norwegian/Swedish, Spanish, Portuguese. Others on demand.

Dimensions

130 x 84 x 173 mm (L x W x H)

1310 Memory Model

Memory:	256KB
RS-232 connection for the download station	
Battery Life:	24 Hrs
Battery Recharging Time:	2 - 2.5 Hrs

Accessories

1300 / 1301	1310 / 1311
• Cable Clamp with Heavy Duty Cable • Stand	• Battery Charger • Battery Pack (NiMh) • Download Station • Holster



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