

SPECIFICATIONS

8300 series

Light Industrial Mobile Computer



| | 8300 | 8320* | 8330 | 8370 | |
|--|---|---|----------------|---|------------------|
| Communication | Options | Batch | Acoustic modem | BT Class 2 IEEE 802.11b/g | IEEE 802.11b/g |
| | Coverage ¹ (line of sight) | 30 cm / 12 in. | - | BT 10 m / 32.8 ft. WLAN 350 m / 1148 ft. | 350 m / 1148 ft. |
| | Serial | IR / IrDA (115.2 Kbps) | | | |
| | RFID 13.56 MHz | Optional | - | - | Optional |
| | Supported standards | Mifare ISO 14443A, ISO 14443B, ISO 15693, ICODE | | | |
| Performance | CPU / Memory | 16-bit CMOS 2MB Flash ROM 2MB, 6MB, 10MB SRAM | | | |
| | Operating power | Removable, rechargeable 3.7V 1800 mAh Li-ion battery | | | |
| | Working hours ² | 270 hours | | 40 hours ³ | |
| | Backup power | 3.0V 7.0 mAh lithium battery Data retention 36 days | | | |
| | Alerts | Programmable 1KHz to 4KHz buzzer, vibrator | | | |
| Data capture | Barcode scanning | Linear imager / Laser / Long-range laser | | | |
| | Reading range | Linear imager 5 to 29.5 cm / 0.16 to 1 ft. Laser 1 to 45 cm / 0.03 to 1.5 ft. Long-range laser 5 to 218 cm / 0.16 to 7.2 ft. (depends on barcode resolution) | | | |
| | Light source | Linear imager: 650 nm red LED Laser: Visible laser diode | | | |
| | Scan rate | Linear imager: 100/sec Laser: 100/sec Long-range laser: 35/sec | | | |
| | Scan angle | Laser: 47° Long-range laser: 42° | | | |
| Physical characteristics | Display | LCD 128 x 64 pixels, white LED backlight | | | |
| | Keypad | 24 numeric or 39 alphanumeric rubber keys, LED backlit | | | |
| | LED | Dual color: green, red | | | |
| | Size and weight | 170 x 77 x 47 mm / 6.7 x 3 x 1.9 in. (L x W x H) 290 g / 10.2 oz. configuration dependent | | | |
| User environment | Operating | Operating temperature -10° to 60°C / 14° to 140°F | | | |
| | Storage | Storage temperature -20° to 70°C / -4° to 158°F | | | |
| | Humidity | Non-condensed Operating: 10% to 90% Storage: 5% to 95% | | | |
| | Impact resistance | Multiple 1.2 m / 4 ft. drops onto concrete, 5 drops on each side / IP65 | | | |
| | Electrostatic discharge | ±15 kV air discharge; ±8 kV direct discharge | | | |
| | EMC regulation | 8300: BSMI, CE, C-Tick, FCC, IC, MIC 8320: FCC 8330 and 8360: BSMI, CE, C-Tick, DGT/NCC, FCC, IC, MIC, TELEC 8370: BSMI, CE, DGT/NCC, FCC, IC, MIC, SRMC, TELEC | | | |
| Programming | CipherLab Power Suite FORGE Application Generator, including data transmission OCX, STREAM Wireless Studio, MIRROR Terminal Emulator, BLAZE C Compiler and BASIC Compiler | | | | |
| Accessories | Charging and communication cradle, modem cradle, Ethernet cradle, 4-slot battery charger, USB cable, RS232 cable, keyboard wedge cable, AC/DC power adapter | | | | |
| 8320* Acoustic coupler <small>*Available in US only</small> | Data rate/format: 1200, O/E/N, 7/8, 1/2 stop bits Support for DTMF tone dialing Modulation type: Bell202 FSK(1.2 kHz±5%, 2.2 kHz±5%), V.23 FSK(1.3 kHz±5%, 2.1 kHz±5%) | | | | |
| Warranty | 1 year | | | | |

¹ Effective coverage depends on user environment and equipment deployment. It is highly recommended to conduct a site survey before actual deployment. ² Based on one standard laser scan per five seconds with backlight off. ³ Depending on network traffic load.



©2009 CipherLab Co., Ltd. All specifications are subject to change without notice. All rights reserved. All brand, product and service, and trademark names are the property of their registered owners.

ACCESSORIES



Charging and Communication Cradle



Modem Cradle Ethernet Cradle



4-slot Battery Charger



HEADQUARTERS
CipherLab Co., Ltd.
12F, 333 Dunhua S. Rd., Sec. 2
Taipei, Taiwan 10669
Tel +886 2 8647 1166
Fax +886 2 8732 3300
www.cipherlab.com

CipherLab China
Suite 1305, 1065A, Jaojiabang Rd.
Xuhui District, Shanghai,
China 200030
Tel +86 21 3368 0288
Fax +86 21 3368 0286

CipherLab USA
2552 Summit Avenue
Plano, Texas USA 75074
Tel +1 469 241 9779
Toll Free 888 300 9779
Fax +1 469 241 0697

CipherLab Central Europe
Willicher Damm 143-145
41066 Mönchengladbach
Germany
Tel +49 2161 56230 0
Fax +49 2161 56230 22