

MOBILE COMPUTERS

DLI8500P Vehicle Mount Terminal

Intel® 1.8GHz processor • 10.4" indoor/outdoor
touchscreen • integrated DC converter • GPS •
Wi-Fi • 3G • Bluetooth®

The DLI8500P vehicle mount computer was built purposely for the toughest warehousing, distribution center and manufacturing operations. The internal modular design provides your business the flexibility to grow as applications require. The DLI8500P provides your business with the right product for the future as advancements in Wi-Fi, RAM, and solid state drives increase. Certified for IP54 protection against water and dust, the DLI8500P is designed to survive the demands of a harsh industrial environment.



Key Features

- Choice of Operating Systems, including: Windows® 10 64bit, Windows® 8.1 32/64bit, Windows® 7 32/64bit, Embedded 7/8, IoT Enterprise, Android 6.0.1 Marshmallow, Linux Ubuntu 14.04
- IP67 Locking Ports – Dual 2.0 USB ports, Dual RS232 ports, Ethernet 10/100/1000 LAN, VGA port
- Integrated bridge battery support
- Integrated 10-60V DC Converter
- Attachable Full Alpha/Numeric keyboard and user-programmable keys
- Multiple radio communication; including an Intel a/b/g/n (ac) module, 3G cellular independence supporting Verizon®, AT&T®, and T-Mobile®, Bluetooth® 4.0 and Standalone GPS

Designed with the forklift driver in mind, the 8500P with attached industrial backlit ALPHA/NUMERIC keyboard provides ease of use even with a work glove. Built around an industrial Intel® processor the DLI8500P supports the latest Windows 10 or Android 6.0 Marshmallow operating systems. Affordably priced the DLI8500P sets the standard for reducing operational costs.



wireless



dust



water



drop



vibration



extreme
temps

Technical Specifications

| Physical | |
|------------|---|
| Dimensions | H: 10.3" (260mm), W: 11" (280mm), D: 1.90" (48.5mm) |
| Weight | 5 lbs (with internal battery) |
| Warranty | Standard 1 year manufacturer's warranty; available 1, 3 or 5 year No-Fault Service Coverage (optional) |
| GPS | SiRFstarIII chipset (optional, external antenna required) |
| Wi-Fi | Intel 7260 a/b/g/n (a/c) module support for external antennas |
| WWAN | 3G GPRS/CDMA Cellular Card (optional) – available cellular carriers: Verizon®, AT&T®, T-Mobile® – external antenna required |
| Bluetooth | Intel 7260, BT4.0 LE – Smart Ready |
| Voice | Integrated 3.5mm mic/headset jack |
| Power | Power filtering DC converter: 10-60VDC input, integrated bridge battery for hot swapping of main battery (1.5hrs); AC adapter: 19V DC 90 watt 110/220V AC 50/60 Hz input, multi-country line cords available |

| System | |
|------------------|--|
| Casing | Impact-resistant ABS+PC polymer, IP54 rated, multiple 4ft drops to bare concrete |
| Processor | Intel® D525 1.80GHz |
| Chipset | Intel® ICH8, L2 cache: 1MB |
| Display | 10.4" (1024×768) contrast ratio: 400:1; 500NIT LED backlit indoor/outdoor readable |
| Touchscreen | resistive (indoor/outdoor) |
| Video | Intel® GM3150 controller |
| Audio | Intel® high definition audio with dual integrated speakers |
| Memory | Up to 4GB DDR2 SODIMM 667MHz |
| Storage | SATA SSD: 32GB, 64GB |
| Operating System | Windows® 10 64bit, Windows® 8.1 32/64bit, Windows® 7 32/64bit, Embedded 7/8, IoT Enterprise, Android 6.0.1 Marshmallow, Linux Ubuntu 14.04 |
| Ports | (2) USB 2.0, (2) RS232, (1) Ethernet 10/100/1000, (1) VGA (optional) |
| Keys | (6) user programmable |

| Environmental | |
|---------------|---|
| Temperature | Operating: 32°F to +122°F (0°C to +50°C); storage: -4°F to +149°F (-20°C to +65°C) |
| Impact | Multiple 4ft drops to bare concrete |
| Vibration | 5~500Hz 1G PTP, MIL STD. 810F 514.5C-3 highway truck vibration exposure |
| Shock | Operating: 20G (11ms), non-operating: 40G (11ms), crash: 75G (11ms) |
| EMI/EMC | FCC class B, CE |
| Water/Dust | IP54, dust: protected against dust, limited ingress; water: protected against sprays from all directions, limited ingress |

| Accessories | |
|---------------|---------------------------------------|
| USB Keyboard | IP64 Rugged Backlit USB Keyboard |
| Power Adapter | Cigarette Lighter Power Adapter |
| Antenna | External Cellular, GPS, WiFi Antennas |
| RAM | Multiple RAM Mount options |

DS DLI8500P, Rev A
03/16/18