



Advantech-DLoG DLT-V83 – Maximum user friendliness

- ✓ Up to 15" screen for user-friendly display of information
- ✓ Robust construction, protected against virtually all external influences
- ✓ Up to 26 buttons placed directly next to the screen for fast command execution
- ✓ Special radio technology for optimal real-time communication
- ✓ Flexible configuration (hardware, number of keys and display)

Features

Display: 10 / 12 / 15 inch colour TFT, resistive or capacitive, optionally with defroster

Keyboard: 5, 9 or 26 keys

Operating system: Windows or Linux

CPU: Intel i5-4300U / Celeron 2980U dual-core, 4/8 GB RAM

Memory: 8 - 256 GB

Network connectivity: WLAN, Bluetooth, 4G LTE, LAN, USB, RS-232

Additional features: GPS

Power supply: 12/24/48 V, uninterruptible

Protection: IP66, 5M3, display: IK08

Operating temperature: -30 - 50 °C

Dimensions (W x L x H): 289 x 262 x 89 / 328 x 293 x 94 / 390 x 342 x 98 mm

Weight: 4.3 / 5.5 / 6.2 kg

Optional accessories

external antennas

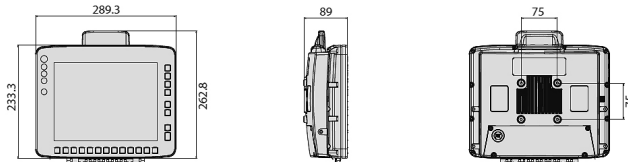
external keyboards

Touch pens

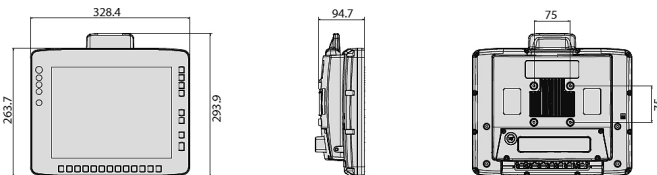
Mounts stationary & vehicle

System	CPU	Intel® Core™ i5-4300U dual-core, 1.9 GHz, with 4/8 GB RAM Intel® Celeron® 2980U dual-core, 1.6 GHz, with 4/8 GB RAM
	Memory	8/16/32/64/128/256 GB CFast 2.5" SSD with 128 GB (optional)
Housing		Coated aluminum with completely sealed, fanless design
Dimensions (W x H x D)	DLT-V8310	289.3 x 262.8 x 89 mm (11.39 x 10.35 x 3.50 in)
	DLT-V8312	328.4 x 293.9 x 94.7 mm (12.93 x 11.57 x 3.73 in)
	DLT-V8315	390 x 342 x 98 mm (15.35 x 13.46 x 3.86 in)
Weight	DLT-V8310	4.3 kg (9.47 lb) without antenna
	DLT-V8312	5.5 kg (12.12 lb) without antenna
	DLT-V8315	6.2 kg (13.66 lb) without antenna
Display	DLT-V8310 (i5 and Celeron Models)	10.4" XGA color TFT with 1024 x 768 resolution and 400 cd/m ² brightness
	DLT-V8310 (Celeron Model)	10.4" SVGA color TFT with 800 x 600 resolution and 400 cd/m ² brightness
	DLT-V8312 (i5 and Celeron Models)	12.1" XGA color TFT with 1024 x 768 resolution and 500 cd/m ² brightness
	DLT-V8315 (i5 and Celeron Models)	15.1" XGA color TFT with 1024 x 768 resolution and 400 cd/m ² brightness
Touchscreen	Type	High-impact tolerant touchscreens available with two control types: - Resistive touchscreen with 5/26 x control buttons - Projected capacitive multi-touch screen with 9 x control buttons - Sunlight-readable resistive touchscreen with 26 x control buttons (Celeron model only)
Control Buttons	Front Panel	5/9/26 x control buttons
Software	Operating System	Windows 10 IoT Enterprise, WES 7, Win7 Pro, WE 8.1 Industry Pro((on request), Linux (on request)
	Emulations (Third-Party)	VT100, VT220, IBM 5250, TN 3270, Citrix Client®, Freefloat Access One
Communication	WLAN	WLAN IEEE 802.11 a/b/g/n/ac (Optional)
	WWAN	WWAN (LTE, UMTS, HSPA+, GSM, GPRS, EDGE) (Optional)
	LAN	Ethernet 10/100/1000 Mbit/s with optional secondary Ethernet
	WPAN	Bluetooth 5.0 (Optional)
I/O Interfaces	Serial	2 x RS-232, alternatively 1 x RS-232 and RS-422/485
	USB	3 x USB 2.0 (Hi-Speed™) bootable, 1 x service USB 2.0 (Hi-Speed™) bootable
	CAN	Optional
	External Antennas	2 x RSMA for WLAN, 2 x SMA for WWAN (optional)
Audio		1 x integrated speaker (2W)
Power Supply (Internal)		12/24/48 V _{DC} nominal voltage with automatic Power On/Off functionality via vehicle ignition and optional uninterruptible power supply (10 minutes typical); 110/230 V _{AC} , 50/60 Hz, optional for DLT-V8315
Environmental	IP Rating	IP66 rating for the entire system
	Touchscreen Durability	IK08 according to IEC 62262
	Operating Temperature	-30 ~ 50 °C (-22 ~ 122 °F)
	Relative Humidity	10 to 90% at 40 °C (104 °F), non-condensing
	Shock/Vibration	5M3(EN 60721-3-5) for 10" and 12", 5M2 (EN 60721-3-5) for 15" and MIL-STD 810F (US highway truck vibration exposure)
Certification		CE Immunity Class A, Emission Class B/FCC Class B, CCC (for China), MIC (for Japan)

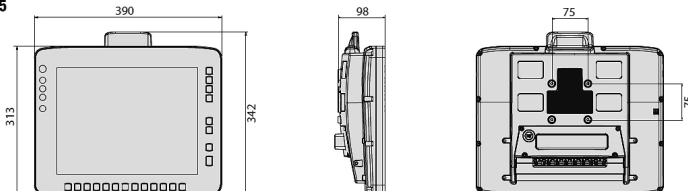
DLT-V8310



DLT-V8312

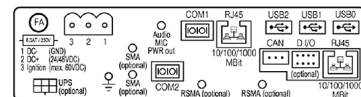


DLT-V8315

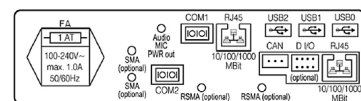


I/O Connectors

VDC



VAC -option only available for DLT-V8315



Mobile Mounting Bracket



RAM-Mount Set (one arm)



RAM-Mount Set (two arms)

