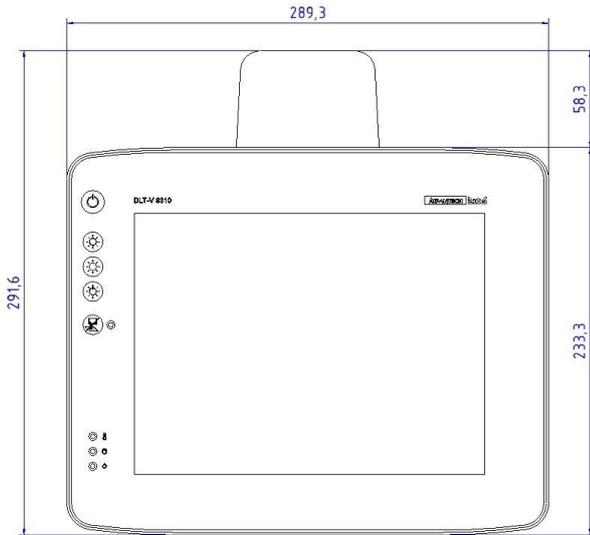# DLT-V8310/12

Fully Configurable VMT Series, Rugged

- Color-TFT 10" or 12"
- Fully configurable to support individual needs
- Break-proven, abrasion-resistant touch screen, IK08
- Integrated uninterruptible power supply (UPS)
- Extreme temperature range, cold store capable
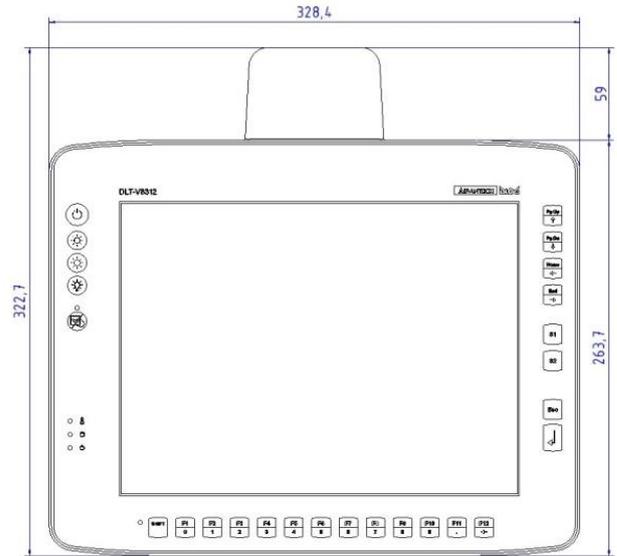- Fully rugged, IP66 and 5M3 for the complete system

Specification

System	CPU	Intel® ATOM™ D 525 Dual Core 1.8 GHz with 2 GB RAM or 4 GB RAM
	Mass storage memory	4 GB CFast or more
		2.5" SSD with 128 GB, optional
Housing		Completely sealed, fanless design
		Coated aluminium
Dimensions/Weight (without antenna)	DLT-V8310	Width x height x depth: 289 mm x 233 mm x 88 mm / 4.3 kg
	DLT-V8312	Width x height x depth: 328 mm x 263 mm x 93 mm / 5.5 kg
Display	DLT-V8310	Color-TFT 10.4", SVGA 800 x 600, 400 cd/m²
		Color-TFT 10.4" XGA 1024 x 768, 400 cd/m²
	DLT-V8312	Color-TFT 12.1" XGA 1024 x 768, 500 cd/m²
Touchscreen		Highest impact capable touchscreens in two variants:
		- Resistive touchscreen with 5 or 26 keys
		- Capacitive multi touch (PCT) with 9 integrated keys
Front keys		5, 9 or 26 front keys
Software	Operating system	MS® Win 10 IoT Enterprise, WE8S, WE 8.1 Ind Pro, WES 2009, WES 7, Win7 Pro, Linux
	Emulations (third-party)	VT100, VT220, IBM 5250, TN 3270, Citrix Client®, Freefloat Access One
Communication	Wi-Fi	Wi-Fi IEEE 802.11 a/b/g/n, optional
	WWAN	WWAN (GSM, GPRS, EDGE, UMTS, HSPA), optional
	LAN	Ethernet 10/100/1000 MBit/s, optional 2nd Ethernet
	WPAN	Bluetooth, optional
Location based services		GPS, optional
Interfaces	Serial	2 x RS-232, alternatively 1 x RS-232 and RS-422/485
	USB	4 x USB 2.0 (HI-SPEED™), bootable; including 1 x Service USB
	CAN	Optional
Audio/Voice	Sound Kit	Speaker integrated
		Advantech-DLoG specific Voice Kit, optional
Power supply (internal)		12/24/48 VDC nominal voltages
		Automatic switch-on/switch-off function via vehicle ignition
		Uninterruptible power supply (UPS), typically 10 min, optional
Environmental	IP protection class	IP66 for the complete system
	Impact resistance of the front	IK08 according to IEC 62262
	Operating temperature	-30 to +50 °C (-22 to +122 °F)
	Relative humidity	10 to 90% at 40 °C, non condensing
	Shock/Vibration	Class 5M3 according to EN 60721-3-5 and US Highway Truck as MIL-STD 810F
Approvals	Certifications	CE Immunity Class A, Emission Class B / FCC Class B, CCC China, TELEC Japan

DLT-V8310/12

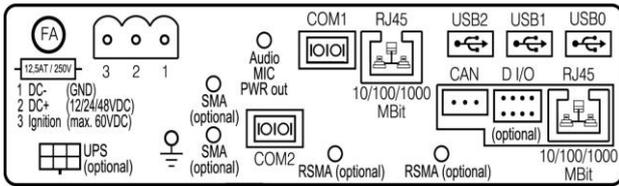## Dimensions (in mm)

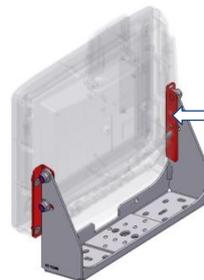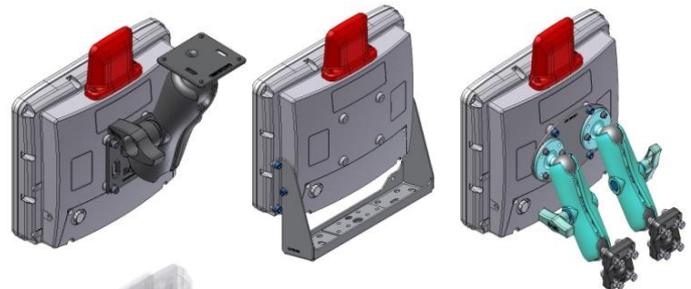DLT-V8310 (available with 5 or 26 Front Keys)

DLT-V8312 (available with 5 or 26 Front Keys)

Connectors

Mounting Variants (Selection)

Adapter set for reusing the mounting bracket of the predecessor terminal MPC 6/10.

Advantech-DLoG Partner Contact

Accessories/Options

Scanners and scanner mountings

Keyboards and keyboard mountings

Stylus and stylus mountings

Sun visors

Terminal mountings (wide range of mounting brackets, RAM solutions etc.)

USB Stick, USB Recovery Stick

External CD/DVD ROM drive