

Preliminary report on the LogiMAT 2010



DLoG is providing the logistics industry with new terminals

Hall 5, Booth 528

Two new families - DLoG MTC 6 and DLoG XMT 5: Next-generation warehouse computers and vehicle mount terminals

As a leading provider of high-quality industrial PCs, DLoG GmbH is introducing a new generation of robust terminals. The DLoG MTC 6/10 is a 10" industrial PC that is primarily used in intralogistics and port logistics.

The DLoG XMT 5/7 is a 7" terminal that – in addition to intralogistics – can also be used in logistics as a truck and vehicle mount terminal, and is even qualified for mining environment.

New features included in both families are:

LED display:

The use of this technology means more brilliant application displays, increased luminosity and contrast, and the service lifetime of these displays is also longer.

But DLoG also places increased value on robust design – even for components like the new LED displays. Extensive testing during the development phase and the selection of exclusively industrial-strength components is the basis for the reliability of the DLoG industrial PCs.

DLoG Voice Kit to increase efficiency

Both families offer options to increase efficiency: The DLoG Voice Kit offers speech transmission over WLAN based on VoIP. Its simple use makes it possible for users to handle everyday tasks more efficiently due to short communication pathways. Another advantage is that no additional devices such as mobile phones or walkie-talkies are needed for voice communication – so there's no need for maintenance and service of additional devices.

Reduction in TCO

Both new families have the goal of making processes more efficient – from installation to setup, operation, and daily administration and maintenance – thus reducing costs. Examples include the new cable

cover design (faster assembly and simpler access to interfaces) and the service USB interface. It is designed in such a way that it is quickly and easily accessible if a software update is necessary, while – most important - preserving the IP protection class.

DLoG XMT 5/7 – the robust communication talent

This Windows CE 6.0-based terminal offers integrated WLAN and GPS, WWAN (GSM/GPRS/EDGE 2.5) as well as VoIP (push to talk over WLAN).

Multiband 7-in-1 antenna

The antenna of the XMT 5 is a novelty on the market: 4 antennas, 3 communication standards, and 7 frequency bands in a minimum of space. Functionally speaking, this means a spatial diversity WLAN (dual band), WWAN, and an active GPS antenna in one. This individual development makes the XMT 5 a real communications talent. Offset antennas allow level-2 HSDPA to reach speeds of 3.6 Mbit/sec downlink and 1.45 Mbit/sec uplink.

DLoG MTC 6 /10 – the slim forklift terminal

Its name says it all. This terminal is a Mobile Thin Client with the goal of reducing total cost of ownership (TCO).

Dual-band diversity WLAN antenna:

This new DLoG-specific feature ensures stable data transfer and fast roaming behavior, an especially important advantage on forklifts. A new feature here is the integration of spatial diversity for 2 frequency bands (2.4 and 5.6 GHz), which is unique on the market to date.

The Intel Atom-based computer for XP and Linux supports both the current WLAN standards 802.11a/b/g and the recently ratified "n" standard.

Available image material:

Downloads from www.dlog.com in the press/ press release area

The slim forklift terminal: DLoG MTC 6/10	The robust communications talent: DLoG XMT 5/7
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DLoG GmbH:

DLoG is the European market leader for industrial-suited vehicle mount terminals for industrial applications. On the basis of our boards developed in-house, we guarantee customized solutions, integrated with high quality and long-term secured support with regards to maintenance or system upgrades. Reliability is our first priority, especially with high environmental demands such as humidity, strong temperature fluctuation or vibrations.

Areas of application:

- Logistics applications, in particular floor conveyors in warehouses, goods distribution centers or harbors
- Visualization and control applications on construction and agricultural machinery, trucks, buses, rail vehicles, and in mining
- Stationary applications, particularly for fabrication and production

Solutions:

- Vehicle mount terminals and stationary industrial PCs with custom-developed boards and mechanisms for XP Pro/Embedded and Linux (DLoG MPC 6/10 and MPC 6/12; DLoG MTC 6/10) and for Windows CE operating systems (DLoG X7, X10, X12; DLoG XMT 5/7).
- Stationary industrial computers for production applications with Microsoft XP and Linux (DLoG IPC 7 and ITC 7)
- Consulting and project planning services, particularly in the areas of radio coverage and networks (especially WLAN)
- 3rd party products such as scanners, printers or MDE devices

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