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Press Release

demmel products gmbh

Intelligent Touch Displays with Projected Capacitive Touch Panel Now Enhance the iLCD Product Line.

Vienna/Munich, November 11, 2014 - demmel products presents its iLCD models with capacitive touch screens at the electronica 2014. The 5.0", 5.7" and 7" iLCDs now are available with projected capacitive touch technology making them robust for operation outdoors and where vandal-proof designs are necessary.

User interfaces in rugged environments such as outdoor vending machines, require special measures to ensure reliable operation.

demmel products understands the requirements of harsh circumstances and now offers its 5.0", 5.7" and 7.0" iLCDs DPP-C50, DPP-C57 and DPP-C70 with projected capacitive (PCAP) touch technology.

Touch detection is carried out via capacitive distortion, meaning no physical pressure is necessary and installation behind glass of up to 4 mm thickness is possible. Such "cover glass" increases protection against damage and can lend itself to a decorative application design as well. As such, demmel products facilitates the integration of iLCDs in devices not only for harsh environments, but also when vandal-proof designs are necessary.

The iLCDs with PCAP touchscreens support multi-touch operation. Configuration parameters allow activation of up to five touch points. Detected finger movements on the screen are reported to the device's interpreting application.

Optionally, demmel products offers optical bonding of the display components leading to an even better mechanical robustness and readability in sunlight.

The capacitive touch displays are fully compatible with all iLCDs across the entire product line. The iLCDs with PCAP touch screens, like their resistive counterparts, feature the fast DPC3090 processor and 128 MByte of flash memory on board.

Setup, configuration and management of all PCAP functionality is easy with the iLCD Manager XE, demmel's free Integrated Development Environment (IDE). Existing touch applications can be re-used without any modification when the standard single touch mode is activated.

About demmel products gmbh:

demmel products' Next Generation Intelligent LCD (iLCD) technology enables the user to store all necessary Windows fonts, graphics, text templates and macros in the flash memory of the iLCD's controller. This considerably reduces the development time normally required for the pixel-based programming process of conventional LCDs. iLCD panels can be accessed through legacy control systems or operated by low-cost microcontrollers using high-level commands.

iLCDs are used in a wide variety of applications and industries. Customers include globally operating companies such as the Erich NETSCH GmbH & Co. Holding KG, Schwer & Kopka GmbH or Rofin-Baasel Lasertech GmbH & Co. KG.



PNG image (RGB):

http://www.demmel.com/download/ilcd/press/ilcd_PCAP_Multi-Touch_RGB_300dpi.png

TIF image (CMYK):

http://www.demmel.com/download/ilcd/press/ilcd_PCAP_Multi-Touch_CMYK_300dpi.tif

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