

The compact 5.7" universal display device with integrated IEC 61131-3 controller in IP 67 housing is powered by an ARM 11 processor with target-optimized Linux OS. The user application can be loaded and executed in less than 4 seconds after power-on.

Multi-byte Character Support

ARM 11 based CPU with 533MHz

Less than 4 seconds Boot-up Time

IEC 61131-3 and C++ Programmable

IP 67 Housing with 35-pin AMPSEAL Connector



IEC 61131-3



Linux



SpiderControl™

CANopen

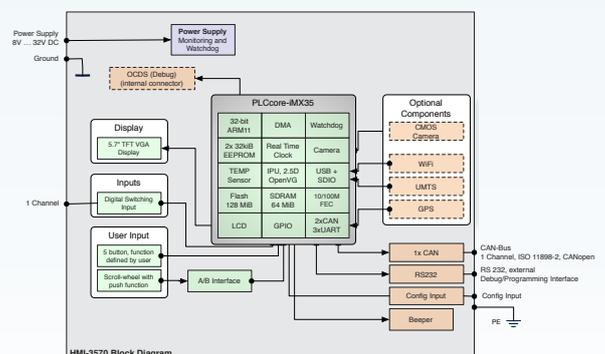
The increasing use of modern communication devices such as smart phones and tablet PC in private sectors leads to an increasing expectation from users toward handling machines and vehicles. Multimedia-capable devices are gradually becoming a must-have feature for interfacing and operating machine control systems.

Such multimedia-capable systems include the use of camera devices and the increasing making use of remote controlled technologies. As a result, modern operator devices do not only have the needed elements to control vehicles functions. In fact, there is an increasing demand to have wireless communication technologies in such devices to download and display internet content such as maps and geological data as well as to upload maintenance and position data to fleet management systems.

To solve the contradiction between the extended functionality and machine cost, flexible components and well-established communication standards are required to enable easy interconnection of devices from multi-vendors within the machine control system. By using CAN-bus based networks, even complex control structures can be realized without a huge effort.

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