

Epec 6000 series



Visualization.

Together with our extensive set of application libraries and MultiTool configuration tool we can offer customers a package that significantly shortens the time-to-market by minimizing the effort and maximizing the result of the system development project. Epec 6000 series display units fulfil all the needs required of a central operator interface for mobile machines.

Epec 6000 series key characteristics:

- High CPU performance
- Codesys 3.5 programmable
- Epec MultiTool support
- CAN, Ethernet, RS232 and USB interfaces
- CANopen and SAE J1939 communication
- Fully enclosed aluminum housing, IP66

Epec 6000 series display units

- Wide viewing angles (with In-Plane Switching (IPS) technology in 7" display)
- Excellent sunlight readability
- High-end graphics
- Display backlight control
- Connectors for external button panel, user wheel or keyboard
- Two analog camera inputs
- Built-in Speaker or Buzzer
- Capacitive or resistive touch screen depending on the model
- Different panel mounting versions also available on request

Epec 6100 remote access unit

Epec 6100 Remote Access Unit is based on the high performance 6000 series product platform without the display panel. The built-in 2G/3G/GPS/Glonass interface makes it an ideal gateway to connect mobile machinery to the industrial internet when there is no need for an on-board HMI. Codesys 3.5 programming, MultiTool configuration and built-in Epec GlobE support makes it the most flexible and easy-to-use gateway product in the market.

For further information about our heavy-duty machine control products, please visit our website <http://www.epec.fi>.

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Features

NMT	NMT slave
Error control	Node guarding Heartbeat producer Heartbeat consumer

Boot-up	Yes
Node ID range	-
Node ID	Software switch
CANopen bit-rates	-
Type of bit-rate adjustment	-
RPDOs	64
TPDOs	64
PDO modes	Triggered by event-timer Synchronous (cyclic) Synchronous (acyclic) Synchronous (cyclic) coupled to sync counter start value
PDO linking	Yes
PDO mapping	Variable
SDO server	1
SDO client	10
Emergency producer	Yes
Emergency consumer	Yes
Sync producer	Yes
Sync counter	Yes
Time stamp	Time stamp producer Time stamp consumer
Additional functions	Self-starting device Program download PLCopen/IEC 61131 function blocks
CANopen version	CiA 301 V 4.0.2
Frameworks	CiA 302
Device profiles	CiA 402: CANopen drives and motion control device profile CiA 405: CANopen interface and device profile for IEC 61131-3 programmable devices
Certified	No
Availability	In stock

