

Epec 6100 Remote Access Unit

EPEC 6100 REMOTE ACCESS UNIT

Epec 6100 Unit is a high-performance, rugged remote access unit specially designed for mobile machinery. Combining modern computing and software technology, Epec 6100 Unit is an ideal solution for the most demanding heavy duty applications like mining machines, construction machines, forest machines etc. Fully enclosed aluminum housing provides water and dust proof operation according to IP66.

Epec 6100 Remote Access Unit is based on the high performance 6000 series product platform without the display panel.

Either the built-in 2G/3G/GPS/Glonass or WLAN interface makes it a perfect 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.



Processor	ARM Cortex A9 Dual Core (800 MHz), 32-bit, internal Graphics Processing Unit (GPU)
Operating system	Linux
Programming	CODESYS 3.5 + Epec MultiTool
Memory	
Flash	4 Gbyte (8 Gbyte as an option)
RAM (DDR3)	1024 Mbyte
Non-volatile RAM	512 kbyte
CAN	2
RS-232	1
USB	2
Ethernet 10/100	2
I/O interface	5 pins total
DO/DI	2
AI/DI	1
DI	2
5V REF output	1

Connectors	1 x AMP23, 2 x M12, 1-2 x SMA
Nom. operating voltage	12/24 VDC
Full Operating range	8,4-36 V
Overvoltage protection	70 VDC continuous overvoltage
Operating temperature	up to -30 ... +70C
IP Class	IP67
Size	182 x 138 x 43 mm
Weight	0,7 kg
Mounting	Direct
Radio connectivity	
Option 1	GSM/GPRS/EDGE UMTS/HSPA+ GPS and GLONASS
Option 2	WLAN
Software options	
	Epec GatE
	Epec GlobE
	CODESYS 3.5 WebVisu