

Epec 6107 Display Unit

EPEC 6107 DISPLAY UNIT

Epec 6107 Display Unit is a high-performance and rugged full-color resistive touch screen display designed for mobile machinery. Combining modern computing, software and display technology, it is an ideal solution for the most demanding heavy duty applications like mining machines, excavators, agricultural machinery, wheel loaders, etc.

Freely programmable graphical user interface provides an opportunity to maximize machine usability and efficiency, while still keeping the interaction simple and user friendly.

The wide array of interfaces allow the machine to be connected to higher level information systems, such as databases for monitoring production.

The display supports both panel and frame mounting. Fully enclosed aluminum housing provides water and dust proof operation.

Wide viewing angles and high brightness offer good readability also in direct sunlight.



Processor	ARM Cortex A9 Dual Core (800 MHz), 32-bit, internal Graphics Processing Unit (GPU)
Operating system	Linux
Display size and type	7" TFT color LCD
Resolution	WVGA 800 x 480 (5:3)
Number of colors	65 536 colors / 262 144 colors
Backlight	LED
Brightness	800 cd/m ²
Contrast	600:1
Viewing angle	170°
Touch screen	Resistive GFG (glass-film-glass) with anti-glare surface treatment
Memory	
Flash	4 - 16 Gbyte
RAM (DDR3)	1024 Mbyte
Non-volatile RAM	512 kbyte
CAN	2
RS-232	1
USB	2
Ethernet 10/100	1-2

Camera	0-2
I/O interface	2 x DO/DI, 2 x DI, 1 x AI/DI
5V REF output	1
Radio connectivity Option 1	GSM/GPRS/EDGE UMTS/HSPA+ GPS and GLONASS
Radio connectivity Option 2	WLAN
Connectors	1 x AMP23, 1 x mini-B USB (M12), 2-4 x M12, 0-2 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 ... +60C
IP Class	IP65
Size	182 x 128 x 49,5 mm 7.2 x 5.04 x 1.95 in
Weight	1,1 kg 2.4 lbs
Mounting	Pedestal or panel mounting
Software options	
	Epec GatE
	Epec GlobE

