



Full color instrumentation display

Pilot VI is an easily configurable, full-color 3 1/2" display enabling appealing user interfaces in a compact form factor.


Designed especially for the off-highway and industrial markets, Pilot VI offers exceptional readability and all-weather performance. It is suitable for both bracket mounting and integration in a dashboard. With the QuiC™ software configuration tool you can rapidly program the Pilot VI with having specific software skills.



RAM mountable

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 Made in the USA

fm-001-0118 rev A 05/2015

Specifications

KERNEL	
PROCESSOR	32-bit ARM
STORAGE	16 to 128 MB NAND flash
RAM	8 to 32 MB DDR RAM

DISPLAY	
TYPE	TFT with LED backlight
SIZE AND RESOLUTION	3.5" QVGA, 320 x 240 pixels
COLOR DEPTH	24 bit
BRIGHTNESS	400 cd/m ²
BACK LIGHT	LED, 400 cd/m ²

HMI	
PUSH BUTTONS	4 x soft keys with LED illumination and tactile feedback
BUZZER	For sound notification

INTERFACES	
CAN	2 x CAN 2.0B channels J1939 or CANopen
USB	1 x USB 2.0
INPUTS	4 x Configurable as Voltage, Resistive, Frequency, Switch-to-Ground, or Switch-to-Battery
OUTPUTS	2 x high-current, 1.25A, high-side switched outputs

SOFTWARE	
QuIC™	For configuration and interface design

POWER	
VOLTAGE	12/24 V nominal (9-32VDC)
ELECTRICAL PROTECTION	Reverse polarity, transients including load-dump, over-voltage, and ESD
CURRENT	Standby current draw <7 mA

ENVIRONMENT	
IP CLASS	IP66
TEMPERATURE RANGE (°C)	-40C to +70°C (operating*) -40C to +80°C (storage)
EMC CONFORMITY	ISO 13766

ENCLOSURE	
HOUSING	Nylon, ABS-PC
CONNECTORS	2x Deutsch DTM12-pin connectors
MOUNTING	Bracket or pedestal

SIZE AND WEIGHT	
W x H x D (mm/inches)	108/4.25 x 103,5/4.07 x 42,8/1.68
WEIGHT (kg/lbs)	0.20/0.45

* Internal buzzer deactivated below -30°C.

Product Dimensions

