

EC-VIS-G-D800X480PX-P GRAPHIC DISPLAY UNIT

DESCRIPTION

The Slim Titan display unit is a cost-effective, instrument panel equipped with a capacitive touchscreen, for use on heavy-duty vehicles and work machines that must operate outdoors in harsh conditions. It is fully equipped with (20) digital inputs, (4) HSD outputs, (1) 5V output and (2) video inputs.

FEATURES

- Color display control unit to be fixed inside a cabin.
- Mounting adaptor on the rear for installation.
- CANBus 2.0.
- Color Graphic display 800 x 480 px ,16:9 , led backlighted.

MECHANICAL / ENVIRONMENTAL SPECIFICATIONS

Dimensions:	190 x 124 x 48.4 mm
Housing:	PC-ABS
Operating temperature:	-20 / 75°C
Degree of protection:	IP 65
Main connector 36 poles:	JST S36B-ZROK-2A-R
Mating connector:	JST 36ZRO-B-1A
Mating crimp contacts:	JST SZRO-A021T-MO.64
Dummy plug:	JST WPHDP-H-1A-H

ELECTRICAL SPECIFICATIONS

Display

Type:	TFT Color Graphic LCD
Resolution:	800 x 480 px
Viewing area:	149.6 x 81.8 mm (6.7")
Backlight:	led
Contrast Ratio:	500:1

ELECTRONIC CONTROL UNIT

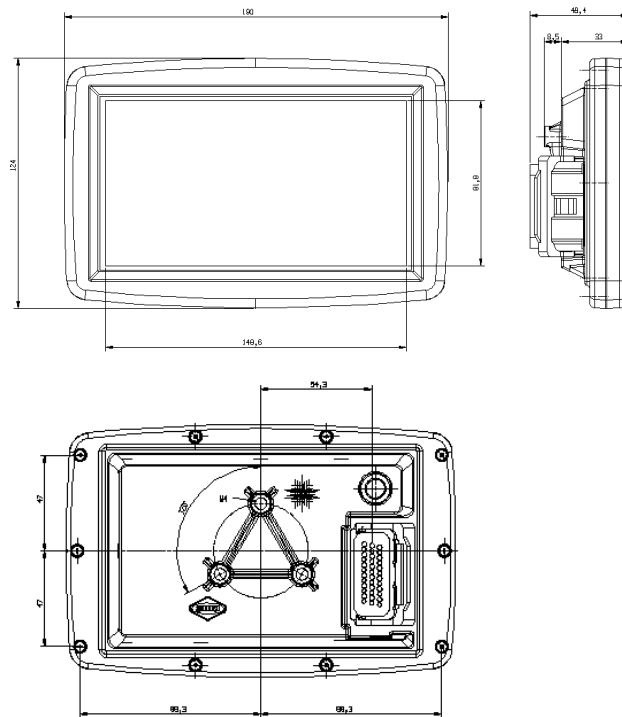
Operating voltage:	8÷36 VDC
Communication interfaces:	2 x CAN 2.0
CAN protocol SAEJ1939	
Digital Inputs (0 to Vbatt):	20
HSD outputs (2A):	4
	(as alternative to 4 digital inputs)
Analog output 5V (100mA):	1
Video input (PAL/NTSC):	2
RTC internal clock with lithium battery backup	

APPLICATIONS

- In-cab terminal.
- Service/Maintenance Tool.
- Diagnostic/Configuration unit.



DIMENSIONS



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MAIN CONNECTOR PINOUT - WIRING DIAGRAM



Pin. No. Function

1	+Vbatt
2	+Vkey
3	GND
4	CANH (1)
5	CANL (1)
6	CANH (2)
7	CANL (2)
8	DIG INPUT 1 (for D+ Generator INPUT)
9	DIG INPUT 2
10	DIG INPUT 3
11	DIG INPUT 4
12	DIG INPUT 5

Pin. No. Function

13	DIG INPUT 6
14	DIG INPUT 7
15	DIG INPUT 8
16	DIG INPUT 9
17	DIG INPUT 10
18	DIG INPUT 11
19	DIG INPUT 12
20	DIG INPUT 17
21	DIG INPUT 18
22	DIG INPUT 19
23	DIG INPUT 20
24	+Vsensor OUT (+5V @ 100mA max)

Pin. No. Function

25	Resistive INPUT 1
26	Resistive INPUT 2
27	Frequency IN 1
28	Frequency IN 2
29	DIG INPUT 13
30	DIG INPUT 14
31	DIG INPUT 15
32	DIG INPUT 16
33	INPUT VIDEO Signal 0
34	GND VIDEO
35	INPUT VIDEO Signal 1
36	GND VIDEO

APPLICATION EXAMPLE

COMPLETE ELECTRO-HYDRAULIC CONTROL SYSTEM FOR MOWER/EDGE CUTTER MACHINES

Graphic Display Unit



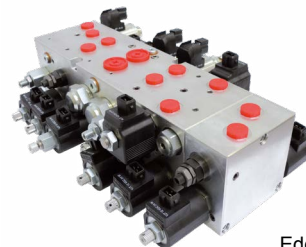
MMS-1521 Machine Management System



Customized ARM REST control panel with JHM- L4C/MG-2FPR multi-function joystick



Vom-af-dual-proportional 4-functions manifold block

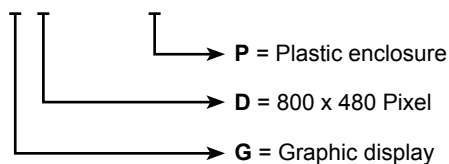


Edge Cutters



ORDERING INFORMATION

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