

HMI DISPLAY PANELS

HMI-04K5



Optional Accessories



KEY FEATURES

- + Sunlight Readable
- + Anti-Reflective Glass
- + 5 Soft Keys
- + Video Input
- + Cabin Or Panel Mount
- + CAN Bus Communications

MMX LCD4 Display unit is very modern looking, cost-efficient, rugged 4.3" operator control panel for use on heavy-duty vehicles and work machines that must operate outdoor in harsh conditions. It is fully equipped with five soft-function keys, integrated buzzer, CAN bus and video inputs.

The display can be installed in-dash or out-dash with its specific articulated support.

SPECIFICATIONS

POWER

Supply Voltage 8-32 V DC

Current 500 mA maximum

Electrical Protection overvoltage, transients, reverse polarity, load dump

INTERFACES

CAN 2 x CAN BUS ISO 11898, 2.0B high speed

Video 1 x PAL/NTSC

CAN termination 120 ohm, DIP switch

DISPLAY

Display type Active matrix colour TFT LCD 4.3 inch, 16.2M colours, sunlight-readable, anti-reflective glass

Resolution 480 x 272 pixels, dot pitch 0.198,16:9

Viewing angle 80°

Luminance 800 cdm

Contrast ratio 600:1

Boot time < 3 sec.

MISCELLANEOUS

Keys 5 soft keys, backlit

Touch resistive - optional

Acoustic signal output integrated buzzer max 85 dB

Inputs 2 Software configurable

Outputs 4 digital high side, 2 A max, optional

Operating system Linux embedded

Kernel ARM 32-bit uP, 2 MB Flash memory, 16 MB serial Flash

ENVIRONMENT

IP Class IP65

EMC Conformity EN61000-6-2 noise immunity

EN61000-6-4 radiation of interference

Temperature Range storage -40° to +85°C (-40° to 185°F)

operating -40° to +85°C (-40° to 185°F)

ENCLOSURE

Housing Material black rubber housing

Mounting in-dash with springs or out-dash with articulated support

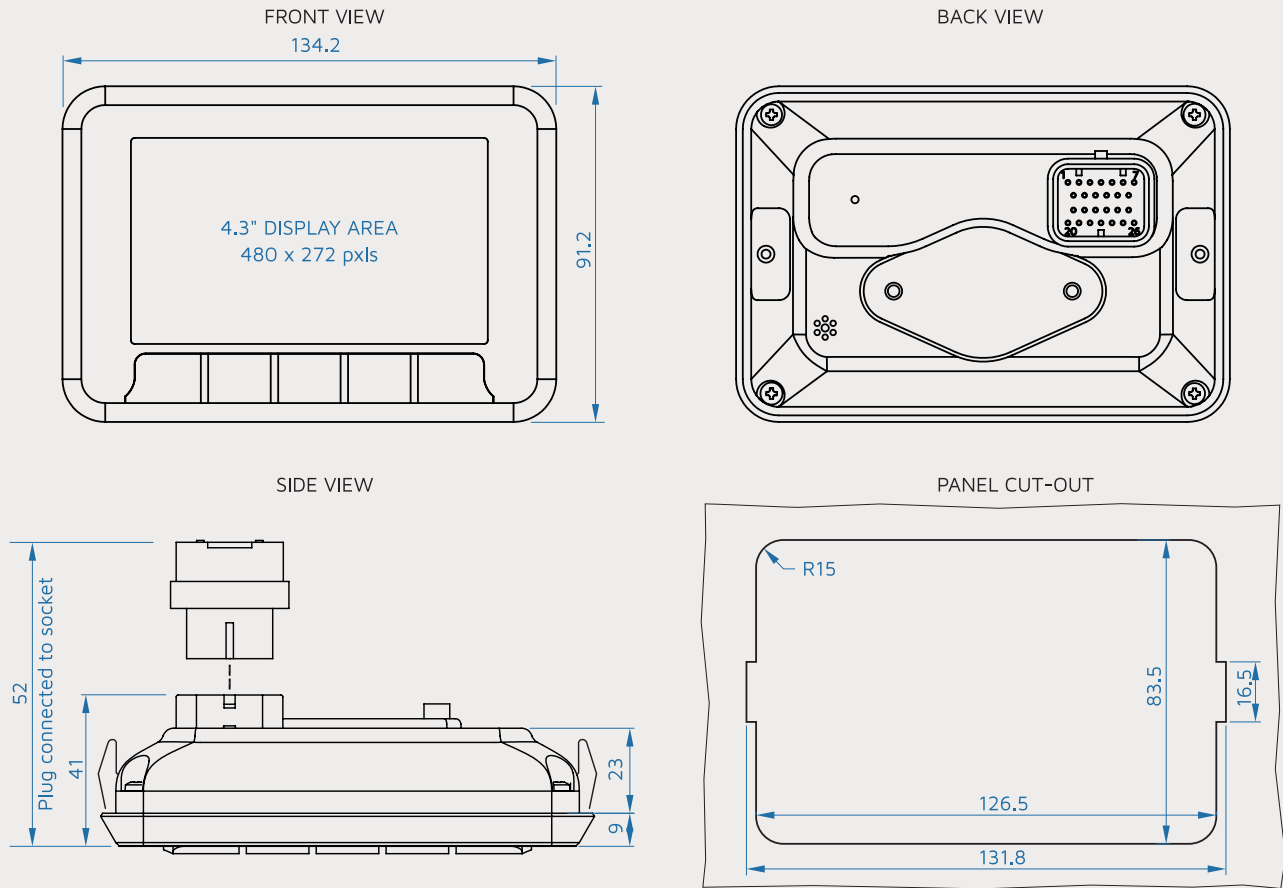
Mating Connector Tyco-AMP Ampseal 1437288-6, 26 way

SIZE & WEIGHT

W x H x D 134 x 91 x 33 without connector

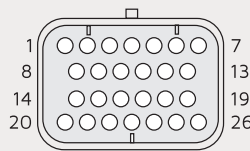
Weight 250 g

DIMENSIONS



CONNECTIONS

AMP AMPSEAL 26-WAY	
PIN	Description / wire colour
1	U BATT + (Ignition)
2	U BATT - „31” (GND)
3	U BATT + „15” (Ignition)
4	Shorted to PIN 3 - Camera Supply+ (Red)
5	CAN H line 1
6	CAN L line 1
7	Ground signal
8	CAN H line 2
9	CAN L line 2
10	Ground signal
11	Input 1
12	Input 2
13	Ground signal



AMP AMPSEAL 26-WAY	
PIN	Description / wire colour
14	Video Input (Yellow)
15	Video Camera GND (Black + Shield)
16	UART TX
17	UART RX
18	Ground signal
19	Output 1, optional
20	Output 2, optional
21	Output 3, optional
22	Output 4, optional
23	USB V Bus
24	USB Data - line
25	USB Data + line
26	USB Ground

PRODUCT CODE

HMI-04K5

HMI 4.3" LCD Control Panel with 5 soft keys, Video In, CAN

For more options please contact the supplier.