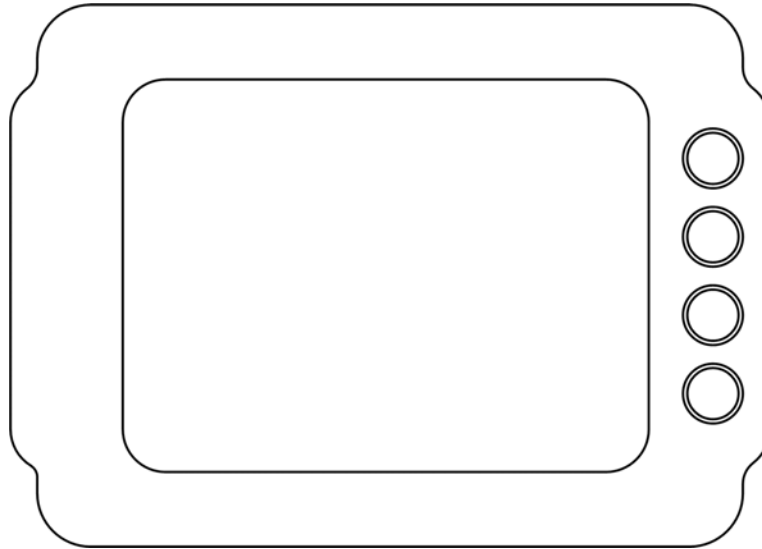


**SVD-HP
RUGGED SPORT VISION DISPLAY
12.1" COLOUR TFT 800x600, 1600cd/m²
SOFTWARE USER PROGRAMMABLE
1 CAN BUS, 3 CAMERA INPUTS**



Introduction

The MAHTechS SVD-HP is suitable for Your most sophisticated and high precision Motorsport, Luxury Yachts, Railway, Industrial Research & Development applications.

The rugged and water-resistance construction enable the device to be installed in all high performances vehicles.

The high brightness panel, provide a superb uniformity and allow a perfect viewing no matter what the conditions.

Flexible and fully user software programmable, the device can be connected up to three colour or black and white video cameras.

The user programmable CAN bus opens the connection to Your own CAN network or others MAHTechS devices.

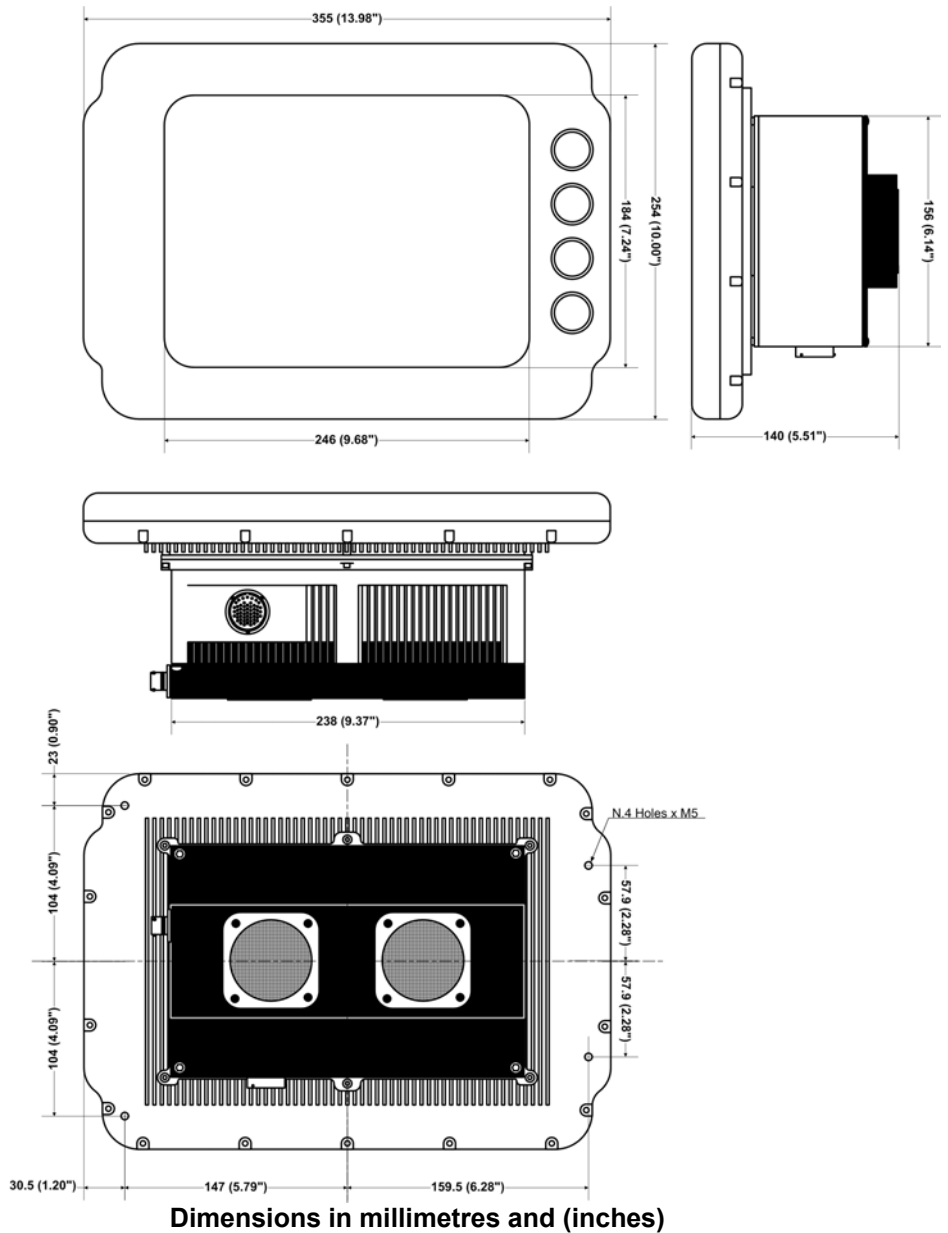
The technical specifications are as follows:

- 12.1" Colour TFT 800x600, 1600cd/m²
- N°4 Integrated solid state switches for:
 - Page Up
 - Page Down
 - Alarm reset
 - Smart Switch

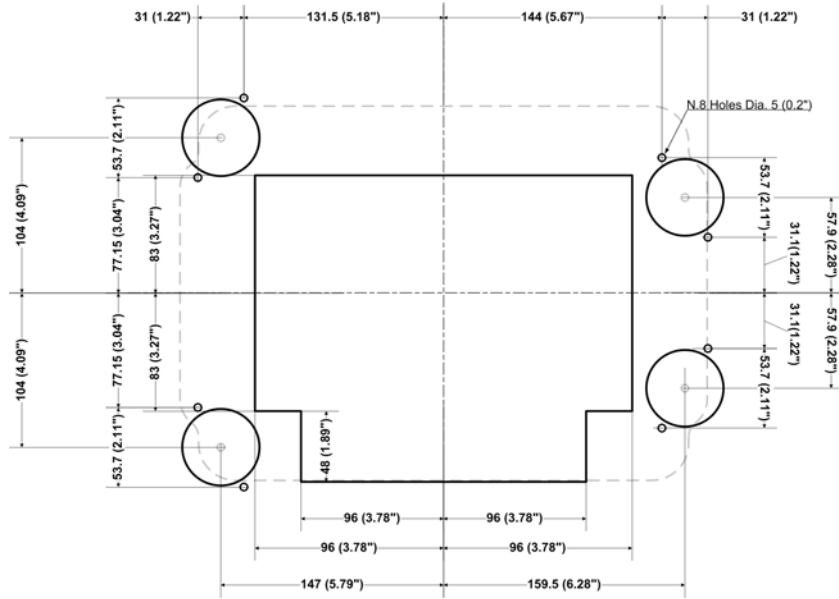


- N°6 Remote switches
- N°3 Colour or B/W Video Cameras PAL Inputs
- N°3 12Volt 250mA fused power stages for Cameras
- N°1 CAN Bus Interface (Std. Up to 1Mbit/s)
- N°1 RS232 programming port
- Powerful MAHT^{5-SVD} Programming PC Software running under Microsoft® Windows® 2000/NT/XP operating systems
- 9 to 32Volt DC power supply
- AV Mounting Kit Included
- IP65 anodized aluminium case (355x254x140mm)
- Autosport/MIL38999 55 pole connector
- -20° to 60°C operating temperature
- Weight 5100gr.

Dimensions



Recommended Dashboard Cutting



Dimensions in millimetres and (inches)

Connector Information

Connector AS216-35PN
Mating Connector AS616-35SN

PIN	FUNCTION	PIN	FUNCTION
1	PC to Display 1	29	Sw Reference
2	Display to PC 1	30	5V Out
3	CTS 1	31	5V Out
4	RTS 1	32	GND Cameras
5	GND 1	33	VGA OUT Red
11	CAN L In	34	Camera 3 Input
12	CAN H In	35	VGA OUT Green
13	CAN H Out	36	Camera 2 Input
14	CAN L Out	37	VGA OUT Blue
15	CAN Shield	38	Camera 1 Input
16	+ Battery Voltage	39	VGA OUT Horiz. Sync
17	+ Battery Voltage	40	VGA OUT Vert. Sync
18	+ Battery Voltage	41	Cameras Clock Input
19	- Battery Voltage	47	GND Power 1
20	- Battery Voltage	48	+12V Out 1(250mA)
21	- Battery Voltage	52	GND Power 2
22	Sw1	53	GND Power 3
23	Sw2	54	+12V Out 2 (250mA)
24	Sw3	55	+12V Out 3 (250mA)
25	Sw4		
26	Sw5		
27	Sw6		
28	Sw Reference		

Missing Pins are Reserved

Specifications

DESCRIPTION	VALUE
Supply Voltage	8÷32Volt DC
Supply Current	4.2A@12Volt DC
Operating Temperature Range	- 20 to +60°C (-4 to +140°F)
Storage Temperature Range	- 20 ÷ +70°C (-4 to +158°F)
Weight	5100 gr. (180 ounces)
Environmental	IP67

Ordering Information

DESCRIPTION	PART NUMBER
SVD-HP Kit	K 602 003 001 001
Colour IP67 Video Camera	K 611 001 001 001
AV Mounting Kit	K 060 001 001 001
SVD-HP Programming Software	K 951 001 001 001

MAHTechS Contact

MAHTechS srl - Via Per Spilamberto, 4AB
 41051 Castelnuovo Rangone (Modena) – ITALY
 Telephone +39 059 533 2067 Telefax +39 059 533 2068
 E-mail info@mahtechs.com Web www.mahtechs.com