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DATASHEET



	By	Date	Sign	15.6" LCD/LED MONITOR 16:9 24V METAL	Ref. ACTIA	Index
Draw	C.Klen	25/07/17			PRD10663	Rev00
Verif.	E.Viana	26/07/17				
Appr.	C.Dambroz	27/07/17				Page 1/4

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GLOSSARY:

NAME	DEFINITION
LCD	Liquid Crystal Display
LED	Light Emitter Diode
WXGA+	Wide Extended Graphics Array Plus
SMPS	Switch-Mode Power Supply
PAL	Phase Alternating Line
NSTC	National Television System Committee
CVBS	Composite Video Baseband Signal

GENERAL DESCRIPTION:

Specifically designed for automotive applications, the 15.6" LCD monitor has the most advanced technology when it comes to image. Its high resolution and wide viewing angle, allied with LED backlight cutting edge technology, are differentials in this product. Its metal case provides a greater mechanical resistance and higher durability.

FEATURES

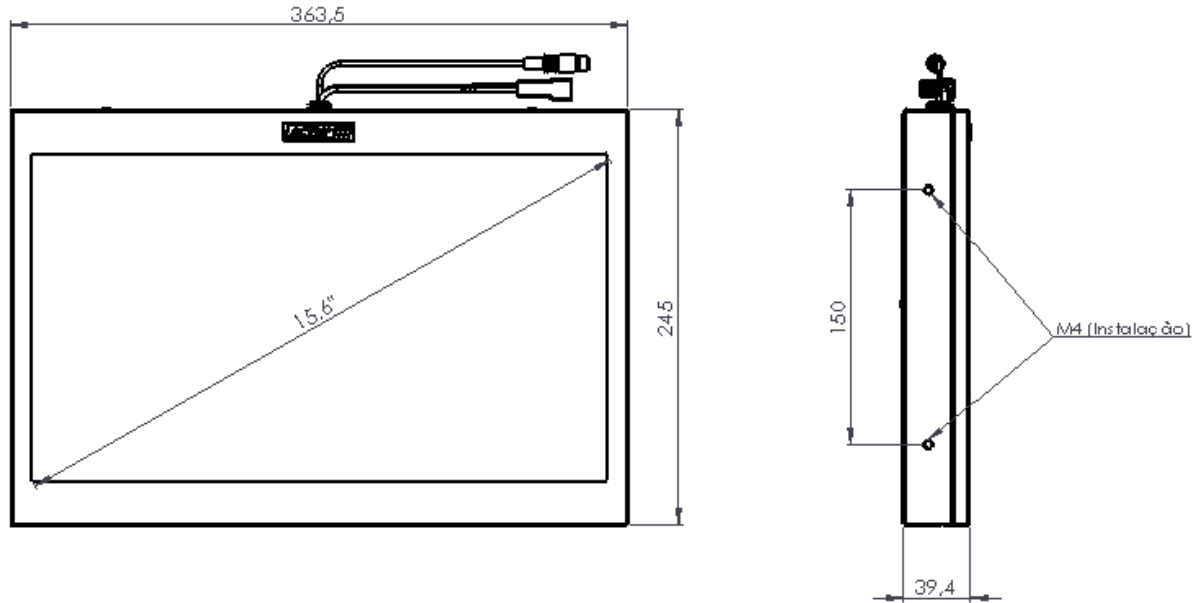
- 15.6" High resolution active matrix LCD;
- LED backlight system;
- Black Metal Case;
- WXGA+ resolution;
- Wide viewing angle;
- Auto ON/OFF in presence/absence of video signal;
- Vandal protection glass.
- Overcurrent and overvoltage protection
- Inverted power supply protection
- Compact and innovative design;
- Easy to install on every automotive video system;
- SMPS Isolated System.

TECHNICAL DATA

PARAMETER	MIN	TYP	MAX	UNIT
Supply voltage range	18	24	32	Vdc
Power consumption (operation)	-	13	15	W
Power consumption (standby)	-	0,5	0,6	W
Luminance	-	250	-	cd/m ²
Contrast Ratio	-	700	-	
Viewing angle (horizontal)	-	± 80	-	°
Viewing angle (vertical)	-	± 80	-	°
Operating temperature range	0	-	50	°C
Storage temperature range	-20	-	60	°C
Humidity (operation and storage)	10	-	90	%RH
Video System	PAL / NSTC			
Video Input signal	CVBS / 1.0Vpp @ 75ohm			
Aspect Ratio	16:9			
Screen resolution	1920 x 1080			pixels
Pixel Pitch	0.17925 x 0.17925			mm
Number of colors	6bits, 262,144 colors			
Weight	3,8			Kg
Life Time	12.000			h

OUTLINE DIMENSIONS AND VISUALIZATION

(dimensions in millimeters)



CONNECTOR DETAILS

