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VGA Display 12"

Type KCD16303

LCD-TFT Monitor with Touch Screen

Technical Data

LCD panel	"	12,1 TFT
Pixel pitch	mm	0,3075x0,3075
Resolution		800x600 SVGA
Display area	mm	246x184,5
Colors		262 144
Response time		10/25 ms
Contrast		500:1
Brightness	cd/m²	400
Viewing angle		
T	°	50
B	°	60
L	°	70
Backlight		2 CCFL
lamp life	h	50 000
Input signal		Analog VGA & Video (Composite Video System PAL/NTSC/SECAM)
Input connector		15 pin D-Sub BNC Jack S-VHS Din Type
Scan frequency		
H	KHz	31,5 ... 48
V	Hz	56 ... 75
Operation		On-screen display
Power adapter	VAC	100 ... 240
	Hz	50 ... 60
	VDC	12
Power consumption	VDC	12 ±5 %
Terminal block input	V	24 ... 35/2 A 35 V ±5 %
Power management		VESA DPMS standard
Consumption	W	12
Stand-by	W	1
Temperature range		
Operation	°C	0 ... 50
Storage	°C	−20 ... 60
Relative humidity	%	10 ... 85
Syn signal		TTL Level ± polarity
Scanning		non-interlace
Dimensions (WxHxD)	mm	330x240x55
Net weight (with touch screen)	kg	3,6
Safety & EMI		CE (EMC+LVD)/FCC
Vibration	Hz	10 One-way 1m/m
Pixel	MHz	50

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Mounting

- The monitor must be mounted in full compliance with all instructions! Use only mounting equipment specified by Kistler
- No warranty, expressed or implied, is provided for damages resulting from improper mounting, or from the use of improper mounting equipment
- The device must be installed clear of the airbag zone
- Do not position the monitor, mounting hardware, cables and/or any other associated component in any location or configuration that may obstruct or diminish access to vehicle control systems or components, or that can in any way compromise safe vehicle operation
- Do not position the monitor, mounting hardware, cables and/or any other associated component in any location or configuration that may obstruct or diminish driver field of vision

Operation

- Position and secure monitor, mounting equipment, cables and/or any other associated component before operating the vehicle. Adjusting the monitor and/or other components while driving can endanger safety of the driver, passengers and/or others in proximity to the vehicle
- For reasons of safety, do not operate computer when driving
- Be sure that laptop/notebook computer is not within the airbag zone when the vehicle is being driven. It is recommended that the passenger airbag be deactivated when driving alone
- Check to be sure that mounting screws fit correctly and are fully tightened before driving the vehicle; (all screws used in the monitor are English-thread)

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Suction Holder

- Do not leave the suction holder with mounted device unattended. Remove the suction holder if it is not to be used for any extended period of time. The holder may come loose from the vehicle window glass
- When mounting the holder, be sure to note the position of the pump piston. If the red ring on the pump is visible, the suction force will soon be insufficient to maintain safe, secure mounting. In this event, increase the vacuum by actuating the pump until the red ring is no longer visible
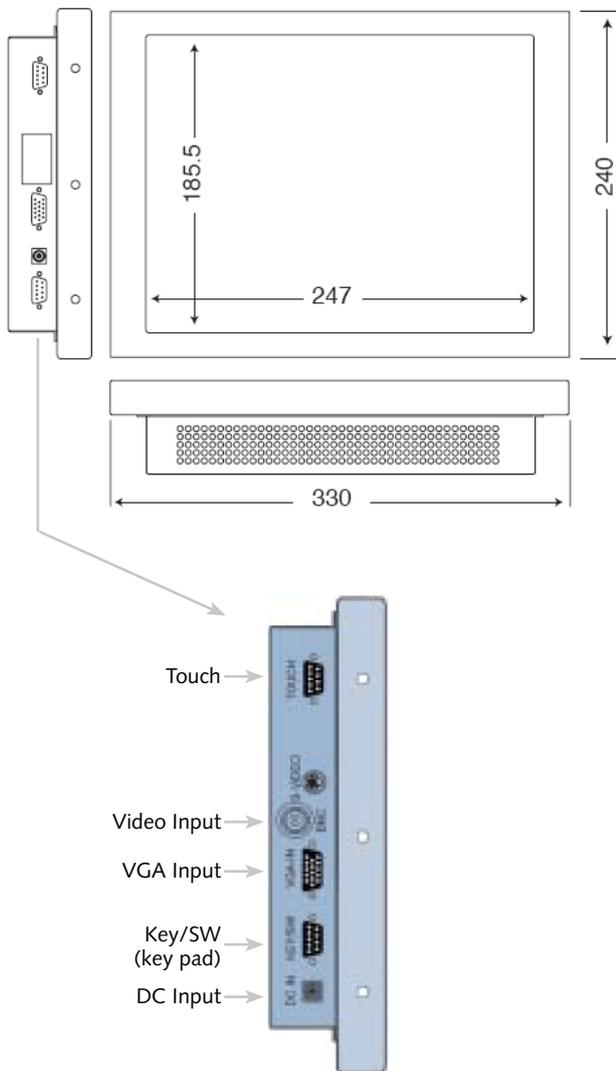

Fig. 2: Back side

Dimensions
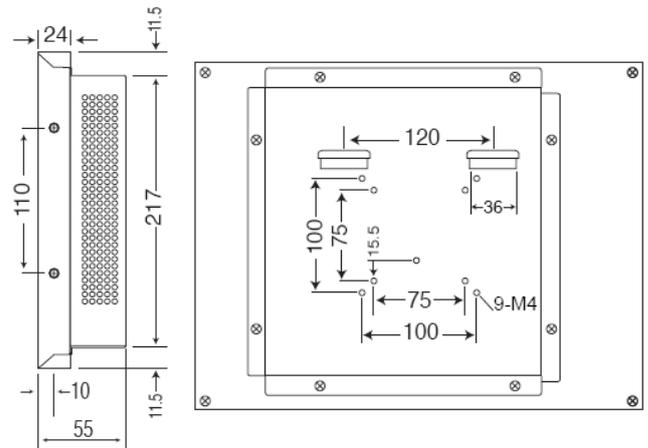

Ordering Code

- VGA Monitor 12" **Type KCD16303**

Touch →
Video Input →
VGA Input →
Key/SW (key pad) →
DC Input →

Fig. 1: Front side

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