

VISION 10 I-K

10,4" industrial panel mount
(VGA, S-video and composite)



Our rugged panel mount steel enclosures are designed to withstand the rigors of commercial and industrial environments. The enclosure protects the display from corrosion and it improves shielding properties. All external surfaces are finished with a durable powder coat or high quality steel finishing, such as zinc or chromium.

Design and manufacturing of the products is done in our own facilities, allowing us to control quality and keep service at a high level. Many years of experience in the industrial and nautical market has taught us the value of developing products with foresight so that they can be manufactured, serviced and upgraded for an extensive period. We can offer product adaptation with similar or equivalent performance before models become obsolete, thereby extending the product life cycle.

Internal to our LCD monitor is a controller that converts analogue video signals into the digital signals required to drive the display. It is the LCD controller that enables the LCD monitor to function as a direct replacement for the traditional CRT. The controller provides intuitive operation of its controls and calibration through the use of an OSD pad and a series of on-screen menus.

Standard the displays are protected by Anti Reflection Glass at the front of the LCD panel to guard the liquid crystal material from damage. In addition, a sealed gasket is installed between the display and bezel to protect the monitor's electronics from dust, liquids or other debris.

A variety of options are available to offer you the perfect configuration: vandal shields, anti-glare coatings, extended frequency, touch screens and many more. Special customization on the product can be done to suit your custom needs.



DISPLAY	TFT	a-Si TFT Active Matrix	
	Diagonal size	10.4 Inch	
	Resolution	1024x768	
	Viewable image size	211.2x158.4 mm	
OPTICAL	Brightness	400 cd/m ² (typ)	
	Contrast	1200:1 (typ)	
	Viewing angle	88°, 88°, 88°, 88° (Right,Left,Up,Down)	
	Response time	10/30 ms(rise/fall)	
	Dot pitch	0,264x0,264 mm	
	Colors	16.7 M	
	H / V sync	38KHz / 60Hz	
POWER	Input voltage	115/230VAC external adapter	
		12VDC (filtering and regulation needed)	
		Internal 9~34 VDC (I)	1
CONNECTIONS	Consumption	2.5A / 30 Watt	
	Power	DC-plug 2,5mm	
	VGA	HD-Sub15, male	
	S-video	4 pins miniDin male	
	Composite	Cinch male	
	Touch screen	RS232 and USB	
MECHANICAL	Dimensions	310x257x46,1 mm (WxHxD)	
	Weight	2.98 kg	
	Material	Steel, rugged powder coat	
	Color	RAL9005 (black)	
	Sealing grade	Front only: IP65	
	Mounting	panel mount	
ENVIRONMENTAL	Operating temperature	-20 - 70°C	
	Storage temperature	-30 - 80°C	
OPTIONS	Touch screen	Capacitive touch (C)	2
		Resistive (R)	2
	Enhancements	Optical Bonding (O)	4
		Transflective (T)	
	Dimming	0-100% (P)	6

Ordering information: IK10123456 Digits correspond with letters in the table
 F.e.: IK10CI Vision10I-K with capacitive touch screen and 9-34V internal.

