

Industrial Monitor



The Chassis Monitor Kits Series has been uniquely designed to satisfy the needs of System Integrators / VARs and Oems / End Users alike. VERTEX has achieved this lofty goal by designing the Chassis Monitor Kits with elegant Simplicity, modular adaptability. In a sleek metal housing, giving it a custom designed look. It is excellent for any space-constricted application within a variety of different environments.



The Chassis Monitor lightweight enclosure has been optimized to reduce cost, protect the monitor's electronics and facilitate a variety of mounting schemes. This inherent flexibility permits Integrators and VARs to quickly and easily design and manufacture their end-products around our fully functional, display module.

Our low power devices are designed to operate from single +12V regulated sources that can be supplied by the customer, or may be purchased directly from VERTEX. Additionally, the Chassis Monitor is designed with the intent to meet FCC and UL Certification.

The Chassis Monitor is configured to support NTSC, SECAM, PAL and RS-170 video in composite video or S-video format. The response time of the active matrix TFT makes it the ideal platform for live video input.





Specifications

long life design for OEMs and projects

Low power consumption saves energy

Optional S-Video/Composite inputs for AV Applications

Optional protective Glass for common area applications

Designed for TouchScreen integration

Panel	Cell Type	Color active matrix TFT (Thin-Film-Transistor) LCD panel	
	Aspect Ratio / Size	4 : 3 / 8.4" viewable diagonal area	
	Glass Surface	Black Anti-Glare, low reflection coating	
	Pixel numbers / Colors	800(H) x 600(V) / 262K	
	Pixel Pitch	0.213(H) x 0.213(V) mm	
	Active Area	170.4(H) x 127.8(V) mm	
	Light Source	Long life, 50,000 hrs (typ)	
	Brightness / Contrast	350 cd/m ² (typ) , 400 : 1	
	Viewing Angle	Horizontal 150° (typ) (- 75° ~ + 75°) Vertical 140° (typ) (-70° ~ + 70°)	
		Response Time	≤ 25 ms
Input Sources	PC System	Signal	Analog RGB (0.7/1.0 V _{p-p} , 75 ohms)
		Sync	Composite Sync, Separate Sync, Sync On Green
		Frequency	F _h : 30 - 82Khz , F _v : 50 -75Hz
		Resolution	800 x 600@60 / 70 / 75 Hz 640 x 480@60 / 70 / 75 Hz 720 x 400@60 / 70 Hz
		Recommended	800 x 600@60 Hz
	Audio System	Stereo Amplifier 2W x 2	
Input Terminals	PC Signal	15 Pin Female D-Sub x 1	
	PC Audio	Stereo Headphone Jack x 1	
	Power Plug	12VDC Jack	
Control	Front Panel (5 Keys)	Men/Select , Auto , Up , Down , Power	
Convenient Features	Auto Calibration		
	Back Light Adjustment		
	OSD Menu	Multi-Languages	
	Wall Mount Ready	VESA 75 X 75(mm)	
Power power Rating (Support DPMS)	Input Voltage	Universal / Auto-Sensing, 90 to 260VAC, 50 / 60 Hz	
	- Operation	15 watt	
	- Stand-By	< 5 watt	
	- Off	< 5 watt	
Operating Condition	Temperature	0°C ~ 40°C (32°F ~ 104°F)	
	Humidity	10% ~ 90% (no condensation)	
Storage Condition	Temperature	- 20°C ~ 60°C (- 4°F ~ 140°F)	
	Humidity	10% ~ 90% (no condensation)	
Dimensions	Physical	With Base(W x H x D) : TBD	
		Without based(W x H x D) : TBD	
	Carton	W x H x D = TBD	
Weight	N.W . / G.W .	2.5 Kgs / 3.0 Kgs	
Optional	SV + AV		
	Touch Screen		
	PC Mainboard		
	Speaker		
	Protect Glass	Screen Protected , Double coating	
Certification		FCC , CE	
Container Loaded	20ft / 40ft / 40ft HQ	TBD (Sets , By pallet)	

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