

Transflective Module of Rear Mount Display

Transflective Module of TR17X, TR19X and TR20X model are obvious that the market demand for outdoor LCD applications are expanding, such as mobile navigator/video systems, Tablet PC, Kiosk, ATM displays and PDA, etc. However, a regular transmissive LCD has poor readability in outdoor environments. The enhancement is designed to equip a LCD with sufficient reflective function without compromising its original transmissive functions and features. With the imposed reflective function, the modified LCD can reflect the ambient light passing the LCD cell and utilize the reflected light beams as its illumination. The stronger the ambient light is, the brighter the LCD will appear. Its unique transflectivity under direct sunlight has won over many customers who are power and heat conscious. TR17X, TR19X and TR20X model offer a truly convenient and affordable solution for your various outdoor LCD applications.



Model Name	TR17X			TR19X			TR20X		
LCD Diagonal Size (inch)	17" TFT Panel			19" TFT Panel			20.1" TFT Panel		
Sunlight Readable	Transflective Module			Transflective Module			Transflective Module		
Mode	TN			TN			TN		
Brightness (cd/m ²)(Typ.)	300			300			300		
Pixel Pitch (mm)(H/V)	0.264			0.294			0.51		
Resolution	SXGA 1280 x 1024			SXGA 1280 x 1024			SXGA 1400 x 1050		
Contrast Ratio (ms)(Typ.)	500:1			800:1			700:1		
Display Area (mm)	341.9 (H) x 274.4 (V)			376.32 (H) x 301.06 (V)			408(H) x 306(V)		
Response Time (ms)(Typ.)	8			5			2(Tr) / 6(Tf)		
Display Colours	16.2M			16.7M			16.2M		
Viewing Angle (H/V)	150° / 130°			160° / 160°			160° / 160°		
I/O Interface	VGA / DVI / SV / AV			VGA / DVI / SV / AV			VGA / DVI / SV / AV		
OSD Control	Keys: Auto-tune, menu, decrease and increase Functions: Brightness, Contrast, Clock, Phase, Horizontal Position, Vertical Position			Keys: Auto-tune, menu, decrease and increase Functions: Brightness, Contrast, Clock, Phase, Horizontal Position, Vertical Position			Keys: Auto-tune, menu, decrease and increase Functions: Brightness, Contrast, Clock, Phase, Horizontal Position, Vertical Position		
Operating Temperature	0°~40°C			0°~40°C			0°~40°C		
Storage Temperature	-20°~60°C			-20°~60°C			-20°~60°C		
Power Consumption	38W			41W			60W		
Power Source	AC100~240V, Universal, +-10%			AC100~240V, Universal, +-10%			AC100~240V, Universal, +-10%		
Plug & Play	VESA DDC 2B compatible Rear Mount			VESA DDC 2B compatible Rear Mount			VESA DDC 2B compatible Rear Mount		
Construction (Option)	IP65 Compliant			IP65 Compliant			IP65 Compliant		
LCD Protection (Option)	Anti-Reflection Glass			Anti-Reflection Glass			Anti-Reflection Glass		
Touch Screen (Option)	Resistive, IR type			Resistive, IR type			Resistive, IR type		
Dimensions(WxHxD)	TBD			TBD			TBD		
Lamp lift(hours)	50,000			50,000			40,000		
	Direct Sunlight Readable			Direct Sunlight Readable			Direct Sunlight Readable		
Ambient Light	10000 cd/m ²	20000 cd/m ²	30000 cd/m ²	10000 cd/m ²	20000 cd/m ²	30000 cd/m ²	10000 cd/m ²	20000 cd/m ²	30000 cd/m ²
Brightness Gain(Typ.)	496cd/m ²	692 cd/m ²	888 cd/m ²	496cd/m ²	692 cd/m ²	888 cd/m ²	496cd/m ²	692 cd/m ²	888 cd/m ²
Reflectance(%)	1.96% to 2.56%			1.96% to 2.56%			1.96% to 2.56%		

* All specifications are subject to be changed without notice.

