

VA / VT / VM Series – 12.1" / 15"

12.1"

15"



Series Model / Type	VA / VM Series / no VT!		VA / VM / VT Series	
	CCFL Version	LED Version *	CCFL Version	LED Version *
Size	12.1" / 30.8 cm		15" / 38.1 cm	
Active area (H x V)	246.0 x 184.5 mm		304.1 x 228.1 mm	
Resolution	800 x 600 / SVGA		1024 x 768 / XGA	
Pixel pitch	0.307 mm	0.308 mm	0.297 mm	
Display colours	16.7 M	16.2 M	16.2 M	
Brightness (typ.)	400 cd/m <sup>2</sup>	450 cd/m <sup>2</sup>	400 cd/m <sup>2</sup>	350 cd/m <sup>2</sup>
Contrast ratio (typ.)	600:1	700:1	700:1	
Viewing angle (H / V) (typ.)	140° / 110°	160° / 140°	140° / 125°	160° / 140°
Response time (typ.)	10 ms	35 ms	8 ms	
Horizontal frequency	30 ~ 61 kHz	tbd.	30 ~ 60 kHz	tbd.
Vertical frequency	50 ~ 75 Hz	tbd.	50 ~ 75 Hz	tbd.
I/O ports	15 pin D-Sub (VGA analog); all others on request (project basis)		15 pin D-Sub (VGA analog); optional VT-series: VGA & Video (composite & S-video) – all others on request (project basis)	
Power consumption	17 W	tbd.	26 W	tbd.
MTBF backlight	50,000 h		50,000 h	
Temperature operating	0 °C to +40 °C		0 °C to +40 °C	
Humidity operating	10 % to 90 % (non-condensing)		10 % to 90 % (non-condensing)	
Power supply - AC	100 - 240 V 50/60 Hz (Universal)		100 - 240 V 50/60 Hz (Universal)	
Power supply - DC	12 V output, 5 A, 60 W (max.)		12 V output, 5 A, 60 W (max.)	
Safety & ergonomics	CE, FCC, TÜV-GS, UL/CUL		CE, FCC, TÜV-GS, UL/CUL	
Dimensions (W×H×D) w stand   w/o stand:	VA: 300 x 273 x 160   300 x 230 x 38 mm VM: 291 x 282 x 160   291 x 231 x 43 mm		VA: 347 x 328 x 160   347 x 276 x 45 mm VM: 343 x 360 x 160   343 x 274 x 43 mm VT: 348 x 343 x 180   348 x 296 x 44 mm	
Misc.	Integrated on screen menu, colour temperature (9300 K, 6500 K, User), auto image adjust, VESA compliance, ext. power supply, stand base with cable management (aluminium stand)		Integrated on screen menu, colour temperature (9300 K, 6500 K, User), auto image adjust, VESA compliance, ext. power supply, stand base with cable management (aluminium stand)	

\* LED versions are available on project basis. Please contact your district sales manager.

DATA SHEET