

FLAT PANEL MONITORS

19LM211(51UN) SERIES

21.3" SLOW SCAN LCD MONITORS

DISPLAY

Type:	AM Colour TFT
No. Colours:	16 million
Max. Resolution:	1280 x 1024 pixels
Active Display Area:	432 x 324 mm
Backlight Life:	50,000 hours typical
Brightness:	280cd/m ² typical
Contrast Ratio:	800:1 typical
Viewing Angles:	89° Left; 89° Right 89° Up; 89° Down
Response Time:	15ms average, typical

SIGNAL INPUTS

RGB Signal :	Analog RGB 0.7-1.0Vp-p Or TTL >2.75Vp-p
Input Connectors:	9D, 15D, BNC x 5
Sync. Type/Level:	Separate H&V (+/-ve) TTL or Composite (-ve) TTL or Sync-on-Green (-ve) 0.3V
Slow Scan Support: (see table examples)	Pre-programmed Analog or TTL
Fast Scan Support:	inputs in 15-40kHz range 1280 x 1024 SXGA 1024 x 768 XGA 800 x 600 SVGA 640 x 480 VGA
Horizontal Scan:	15-91kHz
Vertical Scan:	40-80Hz
Clock Rate:	135MHz max
Controls: (On Screen Display) buttons at front)	Brightness, Contrast, Auto set- up Disable, H/V Position, Clock, Clock Phase and Priority

POWER INPUTS

AC Model:	90-264V 50/60Hz
Power Consumption:	70W Max.

PHYSICAL/ENVIRONMENTAL

Dimensions (approx):	483 x 479 x 188
Weight (approx):	11Kg.
Housing:	Painted Aluminium (Storm Grey)
Operating Temp:	0 to 50°C
Storage Temp:	-20 to 60°C

PART NUMBERS

Desktop Model:	19LM211A51UN/1
Display Head only	29LM211A51UN/1

Due to a policy of continuous product development KME reserves the right to change specifications and descriptions without prior notification. All trade marks acknowledged.
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SXGA and Old Legacy Signals



- Specially designed for Slow Scan Signals
- CGA, EGA and all VESA standards up to SXGA
- Image Size Adjustment & Save
- TTL, Analog & Interlaced Signals accepted
- BNC, 9-D & 15-D Connectors
- Rugged Metal Construction with Good Stability
- Also Rack/Panelmount, Heads & Chassis versions

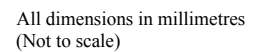
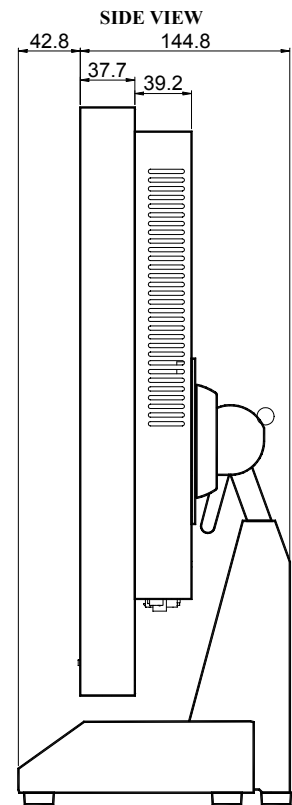
The 19LM211(51UN) Series of 21.3" LCD monitors has been designed primarily for Slow Scan Legacy Systems as replacements for 20"/24" CRT monitors. They utilize a modern SXGA TFT (1280 x 1024 pixels) panel and a KME-designed Analog-Digital interface board. All elements, including a toughened glass protection screen, have been packaged in a compact metal housing. The AC power supply is integrated in the monitor head.

By special development of their own Signal Recognition and Scaling software, and access to an extensive library of older signal timings gained from 25+ years of CRT monitor manufacturing, KME has created a Multiscan ("Universal") flat panel monitor with unique 15kHz to 80kHz display capabilities. Some common Slow Scan Signal timings are factory pre-set. New ones may be added on request. Other signals, which are close to those listed, will give a display but some adjustment may be necessary for full screen performance. The final settings can be easily stored for future use.

H. kHz	V. Hz	Pixels		H. kHz	V. Hz	Pixels
15.625	50	714 * 288		15.63	50	560 * 275
15.63	60	808 * 238		15.72	60	564 * 240
15.72	60	508 * 240		15.72	60	604 * 240
15.72	60	640 * 200		16.10	50	564 * 304
16.276	70	640 * 220		16.79	70	577 * 215
17.85	50	508 * 338		21.83	60	640 * 350
20.65	50	640 * 384		24.78	60	640 * 384



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