



# LARGE FORMAT & AV

## Product range brochure



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DISPLAYS FOR DEMANDING ENVIRONMENTS





# RUGGED WIDESCREEEN DISPLAYS

## 30" HIGH RESOLUTION TOUCHSCREEN HEAD MONITOR

Part number: 29LM303WA31MQ

**TFT type:** a-si colour TFT/S-PVA

**Max resolution:** 2560 x 1600 pixels WQXGA

**Active display area:** 643.3 x 402.8 mm

**Response time:** 6ms

**Contrast ratio:** 1000:1 typical

**Brightness:** 400cd/m<sup>2</sup>

**Viewing angles:** 178°/ 178°

**Synchronisation Range:**

Horizontal scan: 98.7kHz(+/-2)

Vertical scan: 49.5Hz(+/-2)

**Video Inputs:** DVI-D (Dual link)

**Power supply:** 110-240V AC 50-60 Hz



> **Designed for high quality images**

The 30" widescreen LCD monitor has a high resolution of 2560 X 1600 pixels with an integrated Surface Acoustic Waver (SAW) touchscreen serial RS232.

> **Fast response time**

The module has a fast response time of 6ms (GTG) which ensures stable viewing of moving pictures.

> **DVI-D Dual link**

This connector is more powerful at sending signal and quality than a single link.

> **Construction**

With a rugged metal construction the monitor is ideal for demanding applications.



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## 57" WIDESCREEN LCD MONITOR HEAD

**Part number: 29LM573A31MP**

**TFT type:** a-si colour TFT/S-PVA

**Max resolution:** 1920 x 1080 pixels

**Active display area:** 1251.3x 703.8 mm

**Response time:** 4ms

**Contrast ratio:** 1200:1 typical

**Brightness:** 600cd/m<sup>2</sup>

**Viewing angles:** 178°/ 178°

**Synchronisation Range:**

Horizontal scan: 30-70 kHz

Vertical scan: 50-85 Hz

**Video Inputs:** HD 15 D-Sub / BNC

**Power supply:** 110/220V 50/60Hz



**Sizes within the range:  
32 - 57"**

- > Designed for indoor use in demanding environments
- > Widescreen (16:9) formats up to WSXGA resolution
- > High Resolution
- > Wide Viewing Angles
- > Rugged Construction with Safety Faceplate
- > Vertical and horizontal mounting options



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# WATERPROOF IP SEALED DISPLAYS

Sizes within the range:  
32 - 57"

## 40" WIDESCREEN WXGA MULTISCAN MONITOR

Part number: 29LM403A31MPIP

TFT type: a-si colour TFT/PVA

Max resolution: 1366 x 768 pixels WXGA

Active display area: 885 x 497 mm

Response time: 8ms

Contrast ratio: 1000:1 typical

Brightness: 500cd/m<sup>2</sup>

Viewing angles: 178°/ 178°

Synchronisation Range:

Horizontal scan: 30 to 70kHz

Vertical scan: 50 to 85Hz

Video Inputs: HD-15 D-Sub / BNC

Power supply: 110-220V AC 50-60 Hz



### > Designed for outdoor applications

The 40" widescreen LCD monitor has been specifically designed for external Public Information applications.

### > IP65 sealed

The monitor is sealed to IP65 rating for water and dust resistance.

### > Widescreen WXGA multiscan

The module has a widescreen (16.9) format which accepts resolutions up to WXGA.

### > Construction

Rugged metal construction with safety faceplate, suitable for sheltered external usage.



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# TRANSFLECTIVE & IP SEALED DISPLAYS

Sizes within the range:  
**32 - 46"**

## 46" WIDESCREEN TRANSFLECTIVE & WATERPROOF MONITOR

Part number: 29LM463A31MPIPT

TFT type: a-si colour TFT/MVA

Max resolution: 1366 x 768 pixels WXGA

Active display area: 1018.3 x 572.5 mm

Response time: 8ms

Contrast ratio: 800:1 typical

Brightness: 500cd/m<sup>2</sup>

Viewing angles: 178°/ 178°

### Synchronisation Range:

Horizontal scan: 30 to 70kHz

Vertical scan: 50 to 85Hz

Video Inputs: HD-15 D-Sub / BNC

Power supply: 110-220V AC 50-60 Hz



### > Designed for outdoor display applications in direct sunlight

These 46" monitors has been designed primarily for external public information displays.

### > IP65 sealed

The monitor is sealed to IP65 rating for water and dust resistance.

### > Helioview™ transflective technology

This technology eradicates glare from the sun to enable near perfect viewing in sunlight.

### > Construction

Rugged metal construction with safety faceplate, suitable for sheltered external usage.



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# MEDIA PLAYER DISPLAYS

**Sizes within the range:  
5 - 15"**

## 7" WIDESCREEN MEDIA PLAYER

> Designed for small public information displays

**TFT type:** a-Si TFT

**Max resolution:** 800 X 400

**Active display area:** 152.4 x 91.44 mm

**Contrast ratio:** 400:1 typical

**Brightness:** 500cd/m<sup>2</sup>

**Viewing angles:** 170°/ 160°

**Synchronisation Range:**

Horizontal scan: 15 - 40kHz

Vertical scan: 50 - 70Hz

**Power supply:** 12V DC



### OPTIONS:

#### Media Player Reader (Stand alone device)

Card format: Supports CF I/II, Micro drive, Smart Media, MMC, SD, MS or MS-Pro cards

#### SBC Based (Panal PC)

Connections: PC, ethernet, RS232, VGA out, USB x2, Keyboard, mouse, 32GB CF hardrive, 512MB ram, Linux software



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# CUSTOM DESIGNED DISPLAYS

Alongside standard displays, KME can design and manufacture custom designs to suit any requirement. We pride ourselves on being able to offer custom LCD solutions, whether it be size, shape, colour, integration or environment.

Available custom features include:

- Colour, finish and format
- Display size range (from 3.5)
- A range of mounting options (including desktop, head and rack mount)
- Helioview™ technology to improve sunlight viewability
- Touchscreen, deep dimming and IP sealing
- Shock and vibration resistant
- AC or DC power models
- Dual inputs with A/B switching
- Slow scan models
- PAL/NTSC models
- High speed serial / data interfaces (270Mb/sec)
- Scan reversal / inversion
- LCD for CRT replacement that enables replacement of obsolete CRT displays with current LCD monitors.



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# COMPANY PROFILE

## ABOUT KME

Kent Modular Electronics (KME) design and manufacture industrial grade LCD-TFT monitors for the worldwide marine, military, industrial, rail and large format markets. Utilising a highly skilled workforce, KME provide marine and military approved standard displays and custom designs that are IP sealed for protection against the elements and strongly made to withstand shock and vibration.

Established in 1976, KME have been a leading monitor manufacturer for over 30 years. Originally specialising in CRT monitors, KME today offer an expanding range of LCD displays. All our products have International Safety and EMC approvals and Form, Fit and Function policies guarantee long term support and service.

## CONTACT US

For more information please visit [www.kme.co.uk](http://www.kme.co.uk) or contact a member of our sales teams

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