

- **KFM21_e**
- **Most Compact 21.3" industrial LCD Monitor**

➤ With a variety of interfaces and multiple display sizes, the Flatmon family of Industrial LCD monitors offers flexible management for a diverse range of industrial applications.



➤ KFM21_e: Flexible, easy to use management

For precise control and visibility, the KFM21_e industrial LCD monitor solution provides ample display area as well as vivid images for your HMI applications. Placing the emphasis on simplified management, the KFM21_e include screen display functions for easy adjustment of images. KFM21_e is designed for rough industrial environments and recommended for use where space is a premium.

- Features include:
- 21.3" Color Active-TFT-LCD
- Resolution up to 1600 x 1200 pixels
- RGB analog VGA input, DVI, Composite, S-Video
- Easy to integrate
- Extremely flat design

➤ KFM21_e Technical Specification

Dimensions

- H 17.47" x W 22" x D 3.41"
- H 443.7 mm x W 558.8 mm x D 86.6 mm

Weight

- Approx. 15 kg (33.1 lbs) (without packaging)

Front plate

- 0.118" (3 mm) Aluminium
- Color: black

Electrical Specifications (KFM21_e)

- Integrated PSU: AC Power Supply (wide range)
- Input: 100 – 240 VAC, 50 – 60 Hz
- Power consumption KFM21_e 75 W max

TFT LCD Display

- Diagonal 21.3" (432 x 324 mm)
- Resolution Up to 1600 x 1200
- Pixel Pitch 0.270 mm x 0.270 mm
- Display colors 3x 8-Bit, 16,7 Mio. color
- Backlight 6x CCFT
- Brightness 250 cd/m²
- Viewing angle 80° / 80° (symmetrical)
- Contrast ratio 300:1
- H-Frequency 75 kHz
- V-Frequency 60 Hz
- Backlight lifetime 20.000 h minimum

Interfaces (at the left side rear):

- 1x VGA (analog) – input
- 1x DVI (digital/analog)– input
- 1x S-Video (analog) – input
- 1x Composite Video(analog) – input

Operating elements (at the right side rear):

- 1x Power On/Off-button and OSD control

LEDindicator

- At the Front side: 1x Power LED

Plug & Play compatibility

- Display Data channel DDC2B (VESA)

AC-Power plug

- At the left side rear

Protection class

- IP65 front

Temperature

- 32 to 122°F (0 to +50°C) operating
- –4 to 158 °F (–20 to +70 °C) storage/transit

Humidity

- 10 – 85 % rel. humidity (non condensing)

Altitude

- 10.000 ft (3.048 m) operating
- 25.000 ft (7.620 m) storage/transit

Shock

- 15 G, 11 ms duration, half sine, operating
- 30 G, 11 ms duration, half sine, storage/transit

Vibration

- 10 – 58 Hz, +/- 0.15 mm, 58 – 500 Hz, 1,0 G, operating
- 10 – 58 Hz, +/- 0.15 mm, 58 – 500 Hz, 1.0 G, storage/transit

EMC

- Europe: EN 50081-1/ -2 (emission),
EN 50082-1/ -2 (immunity), EN 55022/ A: 1994 (CISPR22)

Safety

- EN 60950, IEC 60950,

Approvals

- GOST-R, CE



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