



Front

Professional industrial touch monitor series. Different sizes 15.6" / 17" / 17.3" / 19" / 21.5". Front with IP65 dust and water proof with capacitive touch. Rear with IP20, panel mount system or VESA.

R2 Version: **RJ45 IDD-LINK4** port that allows the use of video output and touch in a single RJ45 CAT6 cable (requires KVM). 24V voltage.



TECHNICAL SPECIFICATIONS

15.6" 16:9 Panel [eMonitor PM 15.6" CI R1/R2]

- Native resolution: 1920x1080
- Contrast: 3000:1 / Brightness: 250cd/m2
- Operating Temp.: 0 ~ 50 °C

17" 4:3 Panel [eMonitor PM 17" CI R1/R2]

- Native resolution: 1280x1024
- Contrast: 1000:1 / Brightness: 250cd/m2
- Operating Temp.: 0 ~ 50 °C

17.3" 16:9 Panel [eMonitor PM 17.3" CI R1/R2]

- Native resolution: 1920x1080
- Contrast: 600:1 / Brightness: 400cd/m2
- Operating Temp.: 0 ~ 70 °C

19" 5:4 Panel [eMonitor PM 19" CI R1/R2]

- Native resolution: 1280x1024
- Contrast: 1000:1 / Brightness: 250cd/m2
- Operating Temp.: 0 ~ 50 °C

21.5" 16:9 Panel [eMonitor PM 21.5" CI R1/R2]

- Native resolution: 1920x1080
- Contrast: 3000:1 / Brightness: 250 cd/m2
- Operating Temp.: 0 ~ 50 °C

OTHER TECHNICAL DATA

R1 Version: Uses USB output and HDMI to connect touch and monitor (up to 50 metres).

R2 Version: Uses USB output and HDMI to connect touch and monitor. Possibility of using a single RJ45 CAT6 + KVM cable for long-distance communication (up to 100 metres). Both options cannot be used simultaneously.

Housing: Front panel and back cover made of aluminium-magnesium alloy.

Mounting: Embedded, VESA 100 with watertight nut.

Rear I/O: 1 x M12 4-pin DC power; 1 x M12 8-pin IDD-LINK4.

Input Voltage: 24V DC. Consumption 15-34 W.

Touch Screen: 10-point multi-touch capacitive type.

Light Transmission: >85%

Driver Support: Windows XP, Windows 7, Windows 8, Windows 10/11, Linux, CE.

Surface Hardness: Capacitive touch glass: Mohs hardness 7H.

Relative Humidity: 5 ~ 95% (non-condensing).

Shock: 10G peak (11 ms), according to IEC 60068-2-27.

Vibration: 5~500 Hz, 1Grms (with SSD), according to IEC 60068-2-64.

EMC: CE / FCC Class A

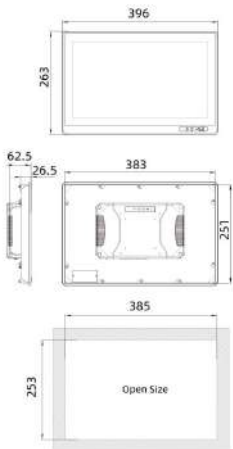
***CONSULT FOR OTHER SIZES**

I/O PORTS



A: HDMI
B: DVI
C: VGA
D: USB/TOUCH
E: 2 x USB OUT
F: DC 12~36V
G: GND / TIERRA

DRAWING PANEL 15.6"



PRODUCT VALUES

- > For installations requiring long-distance cabling.
- > Resistant to harsh environments; dust, vibrations, high voltages.
- > Resistant to high temperatures and humidity.

MOST COMMON APPLICATIONS

- > Human-Machine Interface (HMI)
- > Machine Vision Systems
- > Packaging Line Control
- > Process Supervision (SCADA)
- > Petrol Stations

APPLICATION SECTORS

- > Chemical Industry
- > Grain Mills and Silos
- > Mining and Drilling

SOME SUCCESS STORIES

- > Factories and warehouses with very long assembly lines.

ALTERNATIVE REFERENCES

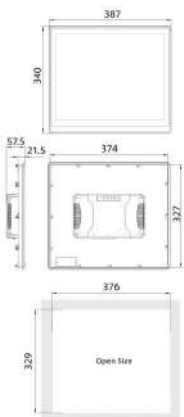
- > eMonitor PM ATEX

CERTIFICATIONS

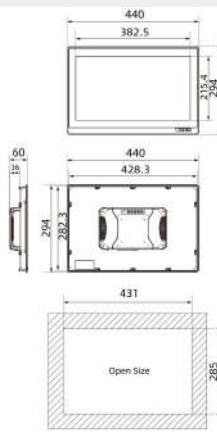


DIMENSIONS

DRAWING PANEL 17"



DRAWING PANEL 17.3"



DRAWING PANEL 19"



DRAWING PANEL 21.5"

