

Rugged 15" 6U TFT Display for universal mounting

- **Impervious to:**

- dust
- water
- humidity
- salt fog
- chemicals
- animals
- shocks and vibrations
- fast temp. changes
- altitude
- electromagnetic fields

- universal mounting:

- 19" racks or
- wallmount or
- desktop

- Rugged Aluminium/Stainless steel construction

- Dust- and waterproof IP65 front IP52 rear (54Opt.)

- VGA analogue input with autoselect function

- Independent of the operating system of the computer

- Resolution 1024x768
16 million colours down to 640x350

- Adjustable brightness

- Brightness 200cd/m²

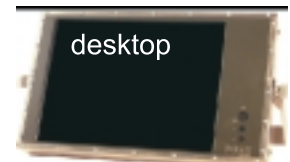
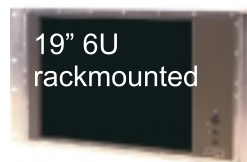
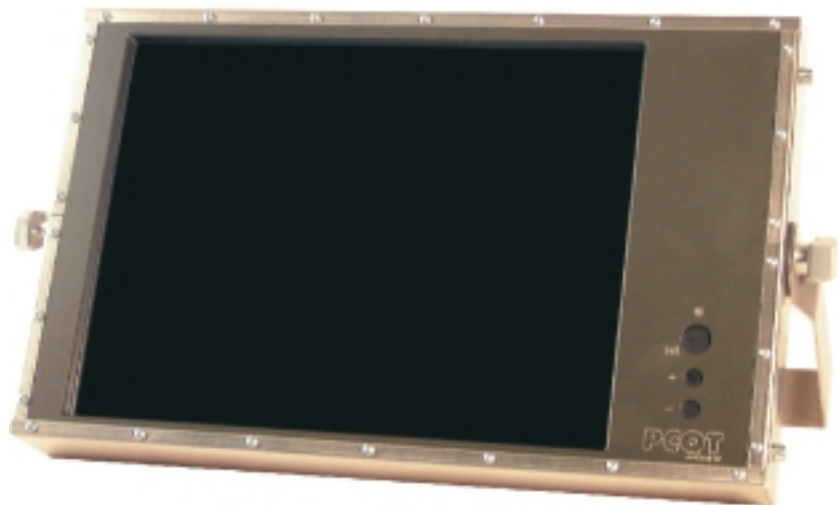
- Operating temperature range -10 to + 45°C
-10 to 50°C optional

- Cleaning: front: with a jet of water. Rear: with a wet towel.

- Optional touch-screen

Application:

- In unpredictable environment as encountered in all kind of production areas, mills, plants, warehouses, mines....



- Applications demanding maximum safety and 24 hour operation over years

Description:

The PCQT D156 is a rugged industrial display for universal use.

It is only 6 units high- 264mm. It can be mounted in a 19" rack as well as on the wall.

The display is rugged and a long lifetime is guaranteed even under worst conditions.

The brightness can be adjusted up to 200cd/m².

The D156 is supplied by 12V DC by default.

It can also be ordered optionally with a 220/110VAC or a 24 VDC supply.

All display functions - contrast brightness, size... - are controlled via a 3 button user interface.

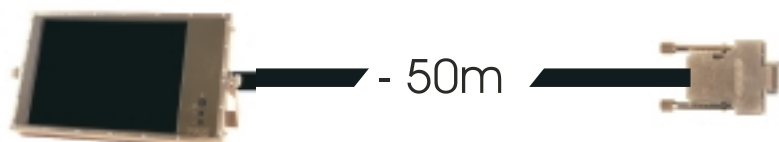
Auto Adjustment:

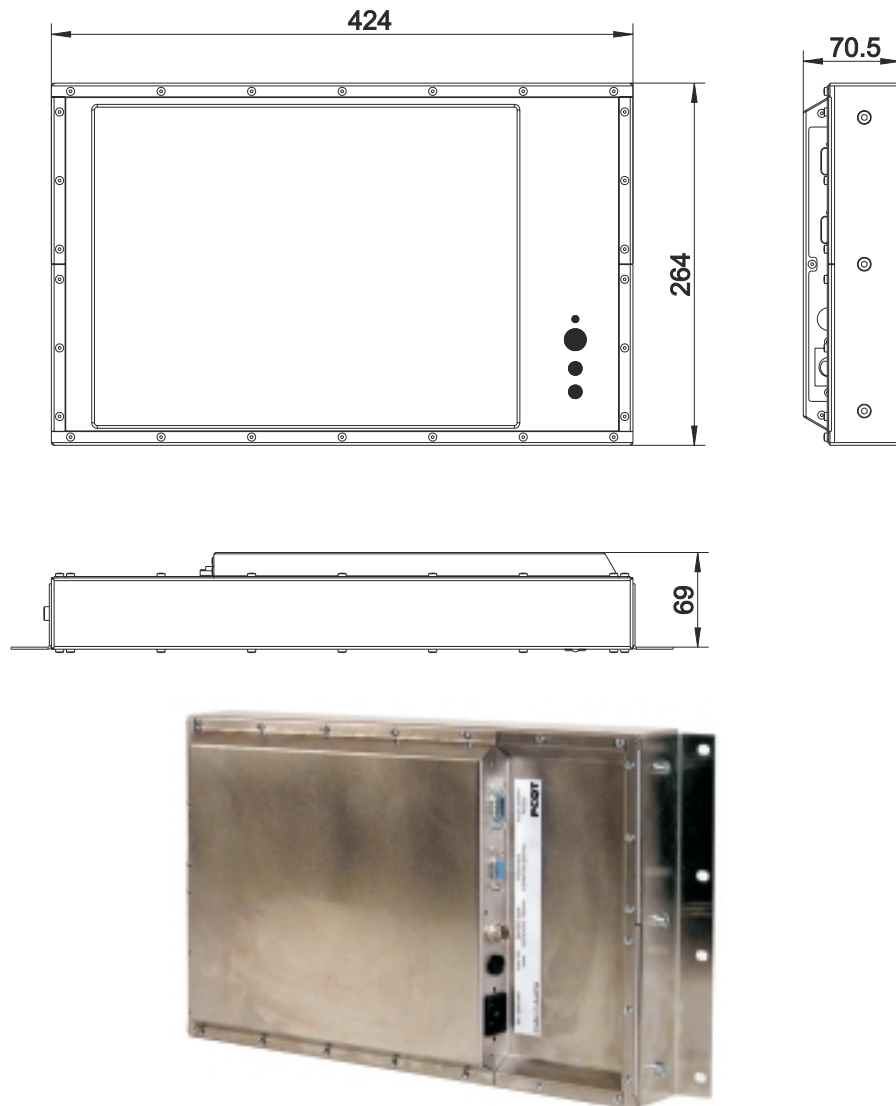
The auto adjustment is a process to automatically adapt the D156 settings to the VGA input signal.

This must be done one time for every graphic mode. All settings are stored and are recalled, if the graphic mode is entered again.

The chassis consists of corrosion-proof material- an aluminium front and a stainless steel rear.

Optionally, the unit can be ordered with a touchscreen.





Specification:

Resolution: 1024x768 pixels

Brightness: 200 cd/m²

Dimension W x H x D:
424 x 264 x 70 mm

Weight: 6.5 kg

Protection:

Front:IP65, rear: IP52

Humidity:

5-95% relative non condensing

Temperature range, operating:

-10 to + 45°C Option 50°C

Temperatur range, non operating:

-25 to + 70°C

Power consumption: 20W

Emissions according to EN55022B

Safety: EN60950

Display:

Active Matrix display with 15" active diameter

Pixel pitch:

0.3075 x 0.3075 mm.

Pixel configuration: RGB vertical stripe.

Mode: normally white

Surface: 28% absorbing

Front protection glass:

3mm environmental protection glass.

Touch system:

Touch System with RS232 Interface (optional)

Ordering Information:

PCQT D156

rugged 15" Industrial TFT display with analogue VGA input 1,5 meter cable.

12VDC +/-5% Supply

- 19" Brackets

- **Handle** for Wallmount and desktop mounting

- Touch

Display with touch system.

- 24VDC

Option supply 24VDC (18-32V)

- 220VAC internal

- 220VAC external

external 220V to 12VDC converter

- 50°C



enhanced Temperature Range to 0-50°C

- IP65 front/IP54 rear

(standard is: IP65/52)

- non magetic design

- special glass

If special protection is needed. i.e. Safety glass. please tell us your requirements.

- Long extension cable:

DEC-10 VGA Extension cable 10, 20, 50 Meter

Related products:

18" display, IP 65 mouse, rugged computers