

# IT-667 – 22" (1680 x 1050)

NO. DS200640360102 | EN  
2014 | V 01.02.00



## IT-667 – 22" (1680 x 1050)

### Highlights

- Digital image transfer (best image quality without time-consuming adjustments)
- Driverless data transfer (plug & play)
- State-of-the-art, energy-saving LED backlighting technology, with optional touch screen
- Rugged design, IP66 (front side)
- Ready-to-use without any additional enclosure
- Many enclosure and mounting options

### Ingress protection

Front side IP66, back side IP20

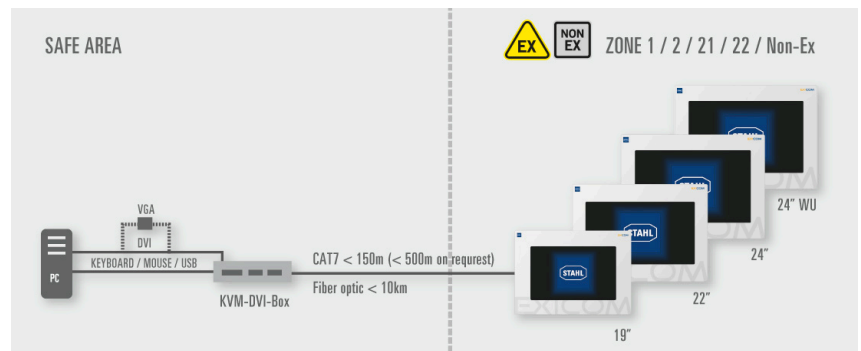
### Description

With the IT-667 and its 22" monitor, we bring the widescreen technology to on-site operation. Modern digital data transfer technology and the high-quality LED-backlight display add to the IT-667's outstanding qualities – suitable for industrial applications in the process industries.

The high bright 22" monitor displays perfect process images point-to-point from the PC, even in 1280 x 1024 or in 1680 x 1050 resolution and 16:10 aspect ratio – up until now, this is the most popular monitor in the process industry. Designed as a control panel module, the monitor can easily be mounted into stainless steel enclosures or walls; alternatively, it can be rear-mounted without front plate.

The standard IT-667 version comes without touch screen, but is also available with intuitive glass or foil touch screen. All displays are lead-, cadmium-, and mercury-free – we take GREEN TECHNOLOGY seriously. For keyboard operation, a plastic-coated Windows keyboard with integrated pointing device is available, e.g. trackball, joystick, touch pad or mouse, which can be operated with one or two hands.

### Operating Principle



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## Technical Data

Mounting design	Front panel mounting	
Display		
Backlighting	LED technology Service life 50,000 h at +20 °C	
Display function keys	-	
External keyboard	107 keys, incl. trackball / joystick / mouse / touch pad	
Data transfer / cable length	KVM box: <b>DVI 2</b> (up to 1680 x 1050) Copper: up to 500 m (1640 ft)	KVM box: <b>DVI 3</b> (up to 1920 x 1200) Copper: up to 150 m (492 ft) LWL: Multi mode up to 500 m (1640 ft) LWL: Single mode up to 10,000 m (33,000 ft)
Interfaces	1 x Data or LWL 2 x USB (hub) 1 x USB (root) 2 x USB (keyboard, pointing device) 1 x RS-232  Optional interfaces 1 x Reader box for card readers / barcode scanners 1 x FBAS (video) 1 x Audio line out WLAN via USB	
Dimensions (W x H x D)	660 x 475 x 110 mm (23.62 x 18.7 x 4.33")	
Wall section	615 x 435 (+/- 0.5) mm (24.21 x 17.13 (+/- 0.02"))	
Mounting position	horizontal / vertical	
Weight	16 kg (35.2 lbs)	
Power supply	24 VDC (max. = 3 A) 100 - 240 VAC (max. = 1 A)	
Permissible ambient temperature ranges	Operation -20 °C up to +60 °C Operation with heater * -30 °C up to +50 °C (option) Storage -30 °C up to +70 °C * The heater has to be designed to ensure that the temperature inside the enclosure of the operating unit does not fall below -20 °C (-30 °C only at the front side)	
Heat dissipation	approx. 40 % through front side, approx. 60 % through back side	
Relative humidity	10 up to 90 % at +40 °C, non condensing	
Material front side	Aluminum front plate, glass, optional glass touch screen or polyester touch screen	
Material back side	Aluminum	
Ingress protection	Front side IP66, back side IP20	