

iPC-EX operator terminals 15" display

iPC-EX operator terminals can be used in the hazardous area category II 2 G (zones 1 and 2). They can be connected to any PC with standard ports: 15 pin analog graphic card for monitor and PS/2 ports for a keyboard and a mouse. The operator terminals consist of several separate components:

- EXVID Exq display in various sizes and with various resolutions
- EXTA-K IS keyboard with various mouse systems
- SK-KVM Line driver, converts the standard PC ports to optical fibre technology and connects the Ex components. It can also be used to connect a local operator terminal

Complete **Ex operator terminals** are available in the form of several packages, with a stainless steel surface-mounting case and keyboard / mouse:

•	LETO-N	Compact stainless steel case
•	FERA-N	Compact stainless steel case
•	FERA-T	Compact stainless steel case with desk console
•	FERA-H	Compact stainless steel case with heating
•	AXENA-N	Stainless steel case with swivel-type display
•	AXENA-T	Stainless steel case with swivel-type display with desk console
•	AXENA-H	Stainless steel case with swivel-type display and heating
•	AXENA-V	Stainless steel case with swivel-type display with cooling
•	ORTRA-N	Stainless steel command station

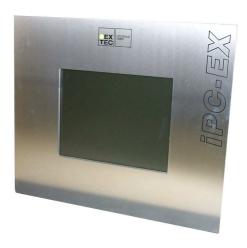
For **panel mounting** the housing REX with optionally orderable keyboard is available.

REX Panel mounting, suitable for integration in any type of case

EXVID displays 15" display

EXVID-15XC Exq 15.0" display

The EXVID Exq display can be used in the hazardous area category II2G (Zones 1 and 2). It can be connected to any PC by means of the SK-KVM. The display has XGA resolution with 1024 x 768 pixels as default. Other resolutions (VGA - UXGA) can be zoomed to XGA (SK-KVM). From the point of view of the software application, the display is an 'ordinary' monitor. The software therefore does not need to be modified in any way.





Technical data

	EXVID-15XC		
Approval:			
Type of protection:	II2G, EEx qe [ib] IIC T4		
Approval:	IBEXU 01 ATEX 1099		
Degree of protection:	Front panel: IP 65		
Ambient conditions (operation):			
Temperature range:	-20 ℃ – +40 ℃		
Relative humidity:	Max. 85% without condensation (48 h endurance test)		
Ambient conditions (storage):			
Temperature range:	-20 ℃ – +70 ℃		
Mechanical data:			
Resolution:	XGA 1024 x 768 pixel		
Type:	TFT, LCD, High Color		
Refresh rate:	75 Hz		
Screen diagonal:	15.0"		
Contrast:	300:1		
Brightness:	200 cd/m ²		
Viewing angle:	160°		
Weight.	Approx. 35 kg		
Dimensions (W x H x D) in mm:	583 x 483 x 111		
Supply voltage Type -DC:	24V DC ± 20%, typ. 1.7 A, max 2 A (Exe)		
fuse FUSE for EXVID-30-50ATH			
Shut-off rating I _A =50A Type -AC:	100\/ AC / F0		
fuse FUSE for EXVID-30-50ATH	100V AC / 50 - 60 Hz, typ. 0.41 A, max 0.48 A (Exe) 240V AC / 50 -60 Hz, typ. 0,17 A, max. 0,2 A (Exe)		
Shut-off rating I _A =35A	240V AC / 30 -00 112, typ. 0,17 A, 111ax. 0,2 A (Lxe)		
Material Front panel:	Stainless steel (1.4301), brushed, graining 240 µm		
Rear panel:	Stainless steel (1.4301)		
Data ports:			
PC interface:	Optical fibre cable from display to linedriver up to maximum 750 m		
	Type Optical fibre: 2 x 50/125 μ with SC plug connectors		
Keyboard:	Type: TTL/ PS/2 (IS, screw terminal)		
Mouse:	Type: TTL/ PS/2 (IS, screw terminal)		
Barcode reader (optional):	Type: ENT-DC (IS, screw terminal)		
OSD menu control:	Type: digital (IS, screw terminal)		
Enable switch keyboard + mouse (optional):	Type: digital (IS, screw terminal)		