

## Features

- Extended temperature range for indoor/outdoor use
- Modular design for field maintainability
- Solution for Class I/Div 1 areas
- Utilizes 6000 Series Type X purge
- Variety of keyboard and mounting options
- Watershed housing allows for proper drainage
- Widescreen 16:10 aspect ratio
- Windows XP Professional or Windows 7 Ultimate (32-Bit)

## Application

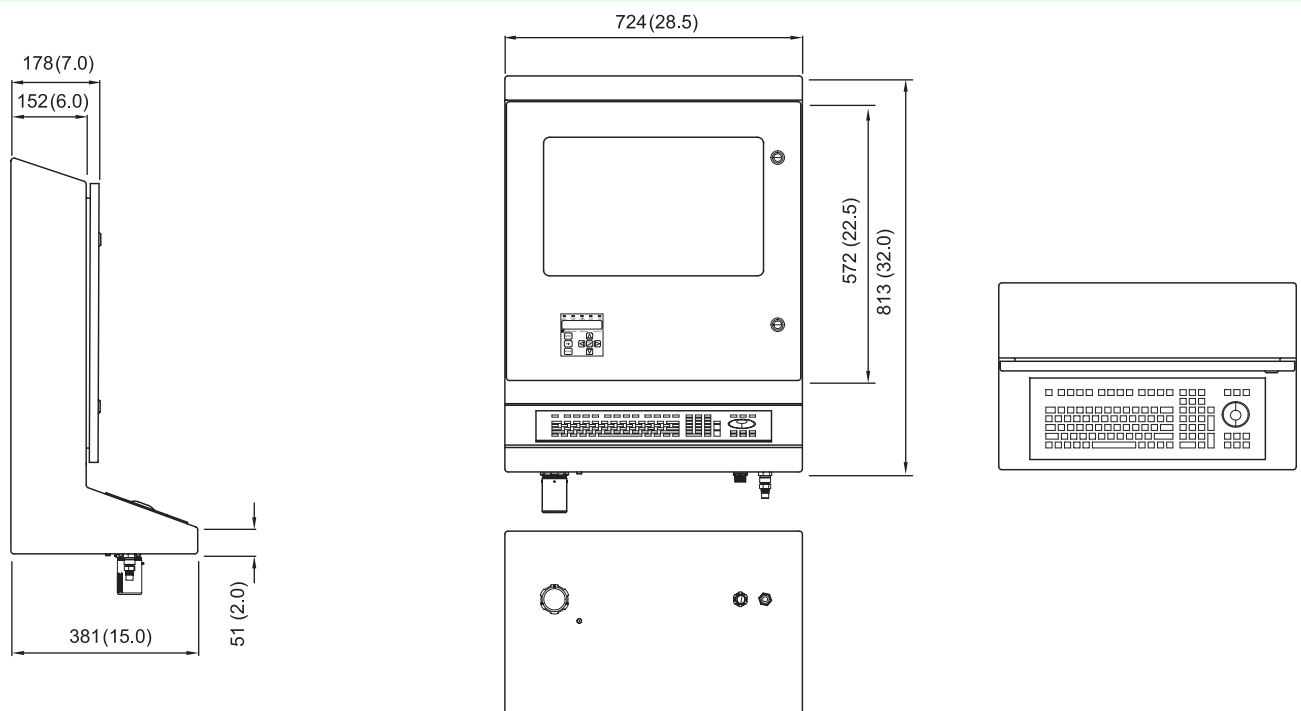
The VisuNet IND Edge is a universal design that is well suited for many applications.

Specifically designed for manufacturing environments where dust, bacteria, water, and other undesirable materials might accumulate, the sloped enclosure provides washdown solutions with proper drainage to prevent standing water. The formed lip enclosure opening prevents the flow of liquid or other contaminants from entering the enclosure.

The watershed enclosure with extended keyboard housing is available as a complete stand-alone PC workstation with different mounting options available: pedestal or wall mount.



## Dimensions



<b>Hardware</b>	
Processor	Intel® Atom™ 1.6 GHz or Core™ 2 Duo 1.5 GHz
RAM	up to 2 GB
Mass storage	80 GB SSD
<b>Supply</b>	
Connection	Terminals
Power consumption	Atom™: max 70 W , 100 ... 240 VAC, 50 ... 60 Hz, or 20 ... 30 VDC Core™ 2 Duo: max 82 W , 100 ... 240 VAC, 50 ... 60 Hz, or 20 ... 30 VDC
<b>Indicators/operating means</b>	
Display	
Screen diagonal	22" (55.9 cm)
Response time	15 ms
Resolution	1680 x 1050
Color depth	24 bit (16.7 M) color
Contrast	1000:1
Brightness	Standard: 300 nit
Reading angle	178° in all directions
Life span	Back lamp life: 50,000 hrs typical half life
<b>Interface</b>	
Interface type	Core™ 2 Duo : 1 GB ethernet, 2 x USB, audio, RS232, power Intel® Atom™ : 2 x 1 GB ethernet, 2 x USB, audio, RS232, power
<b>Directive conformity</b>	
Electromagnetic compatibility	
Directive 89/336/EEC	EN55022A, EN61000-6-2, EN61000-3-2, EN61000-3-3
<b>Software</b>	
Operating system	Windows XP Professional SP3 or Windows 7 Ultimate (32-Bit)
<b>Ambient conditions</b>	
Operating temperature	-20 ... 50 °C (-4 ... 122 °F)
Storage temperature	-20 ... 60 °C (-4 ... 140 °F)
Relative humidity	0 ... 90% (noncondensing)
<b>Mechanical specifications</b>	
Protection degree	Nema Type 4X , Type 4
Material	304 (UNS S30400) stainless steel , Powder coated steel
Housing	304 (UNS S30400) stainless steel , Powder coated steel
Surface	#4, 180 grit
Mass	approx. 52.16 kg (115 lbs) Empty housing ; Varies with configuration
Dimensions	813 mm x 724 mm x 381 mm (32.0 in x 28.5 in x 15.0 in) (sloping top) Volume: approx. 3.2 cu ft
Mounting	Wall or pedestal mount
<b>International approvals</b>	
UL approval	cULus : Class I, Division 1, Group B, C, D

<b>Purge Data</b>	
<b>General specifications</b>	
Series	6000
<b>Indicators/settings</b>	
LED indicator	Safe pressure: Blue - safe pressure is achieved Enclosure power: Green - power on; Red - power off Rapid exchange: Blue - purging is running System bypass: Yellow - bypass is activated Alarm fault: Red (blinking) - any alarm input detected; Red (solid) - 6000 series system fault
<b>Pneumatic parameters</b>	
Protective gas supply	Instrument grade air or inert gas
Pressure requirement	20 ... 120 psig (1.4 ... 8.3 bar) (138 ... 827 kPa) regulated
Safe pressure	Gas: 0.25" wc (6.4 mm wc) (0.625 mbar) (62 Pa)
Purge flow and enclosure pressure rate	5 SCFM @ 1.3" wc, (141 l/min @ 33 mm wc) (3.3 mbar) (324 Pa) 12 SCFM @ 2.5" wc, (340 l/min @ 64 mm wc) (6.3 mbar) (623 Pa)
Flow rate for leakage compensation	0.01 SCFM (0.30 l/min) @ 0.25" 0.2 SCFM (5.6 l/min) @ 0.75" and up (depends on enclosure seal)
Purge time (4 volume exchange)	min = 2.00 min max = 2.60 min
<b>Mechanical specifications</b>	
Connection type	Pneumatic : Inlet fitting to manifold: 3/8" NPT (female) Outlet fitting from manifold: 3/8" bulkhead fitting (provided)
Note	For complete specifications of the purge system see the data sheet for the 6000 Control System Type X & Ex px purge and pressurization system

Type code

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**Options**  
**N** No option  
**y** Custom, consult factory

**Special accessories**  
**S0** No special accessories

**Keyboard layout**  
**US** Keyboard, layout U.S.

**Keyboard / mouse version**  
**K1** Foil keyboard, no mouse  
**K4** Foil keyboard & touchpad mouse  
**K6** Foil keyboard & joystick  
**K8** Foil keyboard & 50 mm optical trackball mouse

**Keyboard housing**  
**C** Keyboard & mouse housing installed  
**N** No keyboard, no mouse

**Housing / frontplate version**  
**WP5** Piano style housing (painted steel), wall mount, service opening on front, hinges on left, extended keyboard  
**WP6** Piano style housing (painted steel), pedestal mount, service opening on front, hinges on left, extended keyboard  
**WS5** Piano style housing (stainless steel 304), wall mount, service opening on front, hinges on left, extended keyboard  
**WS6** Piano style housing (stainless steel 304), pedestal mount, service opening on front, hinges on left, extended keyboard

**Power supply**  
**AC** 90 - 260 V AC, 50 - 60 Hz  
**DC** 24 V DC

**Connection**  
**P8** Intel Core 2 Duo, 1.5 GHz, 2 GB RAM, 80 GB SSD, Windows XP Professional, SP3 multilingual  
**P9** Atom 1.6 GHz, 2 GB RAM, 80 GB SSD, Windows XP Professional, SP3 multilingual  
**PA** Intel Core 2 Duo, 1.5 GHz, 2 GB RAM, 80 GB SSD, Windows 7 Ultimate (32-bit)  
**PB** Atom 1.6 GHz, 2 GB RAM, 80 GB SSD, Windows 7 Ultimate (32-bit)

**Protection**  
**D1** Class I / Div 1, Groups B, C, D

**Screen type**  
**A** Antiglare glass front, non-touch  
**T** Touch screen, resistive, 5-wire, intrinsically safe

**Monitor**  
**PC8622** 22 inch (55.9 cm) panel mount component