

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
- Windows XP Professional or Windows 7 Ultimate (32-Bit)

Application

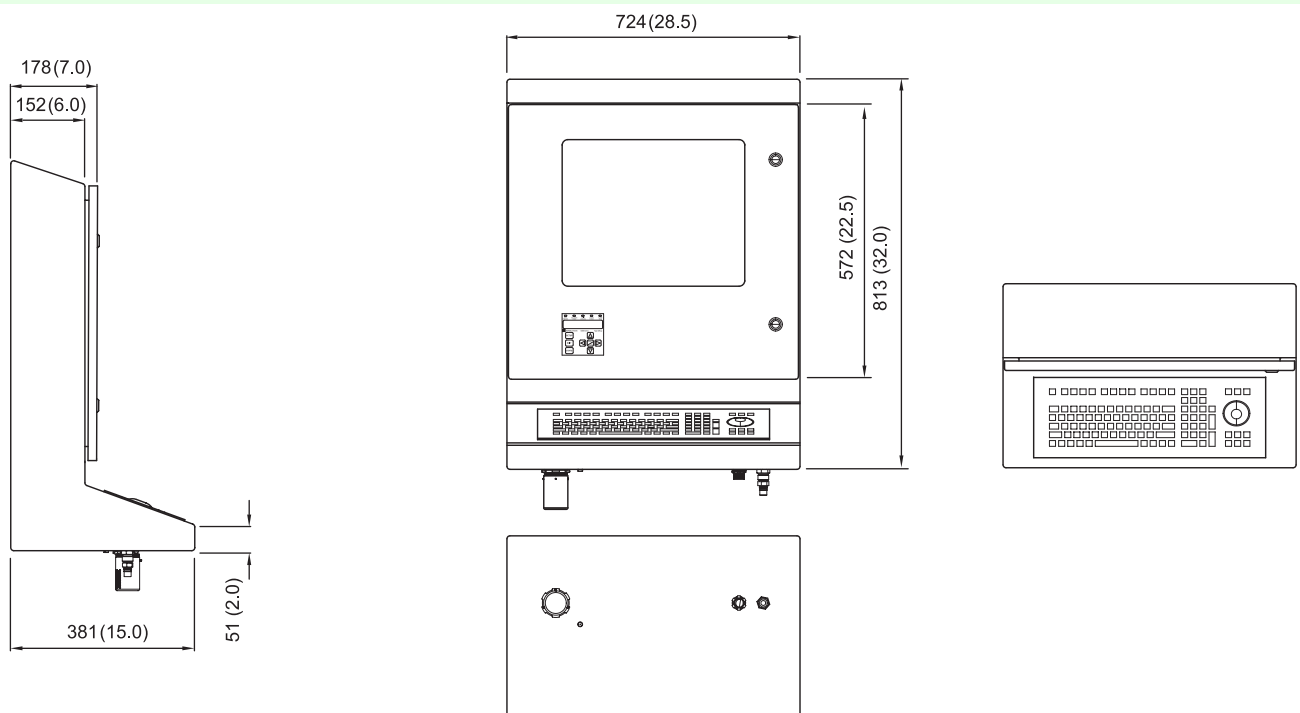
The VisuNet IND Edge is a universal design that is well suited for many applications.

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



Hardware	
Processor	Intel® Atom™ 1.6 GHz or Core™ 2 Duo 1.5 GHz
RAM	up to 2 GB
Mass storage	80 GB SSD
Supply	
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
Indicators/operating means	
Display	
Screen diagonal	19.0" (48.3 cm)
Response time	15 ms
Resolution	1280 x 1024
Color depth	24 bit (16.7 M) color
Contrast	900:1
Brightness	Standard: 300 nit
Reading angle	160° in all directions
Life span	Back lamp life: 50,000 hrs typical half life
Input devices	
Touchscreen	5-wire resistive 5-wire hardened resistive
Interface	
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
Directive conformity	
Electromagnetic compatibility	
Directive 89/336/EEC	EN55022A, EN61000-6-2, EN61000-3-2, EN61000-3-3
Software	
Operating system	Windows XP Professional SP3 or Windows 7 Ultimate (32-Bit)
Ambient conditions	
Operating temperature	-20 ... 50 °C (-4 ... 122 °F)
Storage temperature	-20 ... 60 °C (-4 ... 140 °F)
Relative humidity	0 ... 90% (noncondensing)
Mechanical specifications	
Protection degree	Nema Type 4X , Type 4
Material	
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
International approvals	
UL approval	cULus : Class I, Division 1, Group B, C, D

Purge Data	
General specifications	
Series	6000
Indicators/settings	
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
Pneumatic parameters	
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
Mechanical specifications	
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

P	C	8	6	1	9	-	A	-	D	1	-	P	8	A	C	W	P	5	-	C	K	1	U	S	-	S	0	-	N
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<p>Monitor PC8619</p> <p>19 inch (48.3 cm) panel mount component</p>	<p>Screen type A Antiglare glass front, non-touch R Touch screen, resistive, 5-wire, hardened glass T Touch screen, resistive, 5-wire, intrinsically safe</p>	<p>Protection D1 Class I / Div 1, Groups B, C, D</p>	<p>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)</p>	<p>Power supply AC 90 - 260 V AC, 50 - 60 Hz DC 24 V DC</p>	<p>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</p>	<p>Keyboard housing C Keyboard & mouse housing installed N No keyboard, no mouse</p>	<p>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</p>	<p>Keyboard layout US Keyboard, layout U.S.</p>	<p>Special accessories S0 No special accessories</p>	<p>Options N No option Y Custom, consult factory</p>
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