Features

- Dedicated thin client for virtualization strategies using Citrix ICA, Terminal Services and RDP
- 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
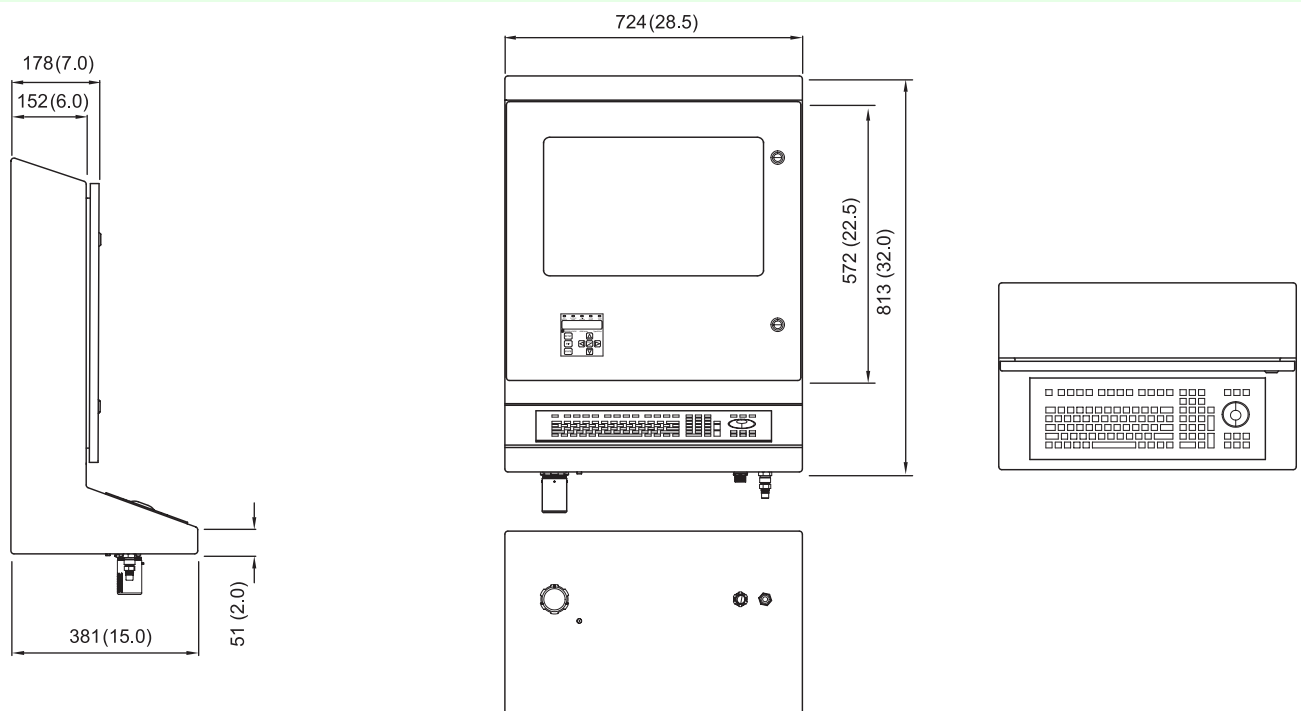- Widescreen 16:10 aspect ratio

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 wastershed enclosure with extended keyboard housing is available as a remote monitor with different mounting options available: pedestal or wall mount.

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Dimensions

178 (7.0)
152 (6.0)
381 (15.0)
51 (2.0)
724 (28.5)
572 (22.5)
813 (32.0)

Hardware	
Processor	Intel® Atom™ N270 1.6 GHz
RAM	1 GB
Mass storage	compact flash: 512 MB
Supply	
Connection	Terminals
Power consumption	max 80 W , 100 ... 240 VAC, 50 ... 60 Hz, or 20 ... 30 VDC
Indicators/operating means	
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
Interface	
Interface type	1 x RJ-45 (GB ethernet) , 1 x USB 2.0 , 1 x power
Directive conformity	
Electromagnetic compatibility	
Directive 89/336/EEC	EN55022A, EN61000-6-2, EN61000-3-2, EN61000-3-3
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	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
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/mm) @ 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

| R | M | 8 | 6 | 2 | 2 | – | A | – | D | 1 | – | T | 2 | A | C | W | P | 5 | – | C | K | 1 | U | S | – | S | 0 | – | N |

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
T2 Thin Client, ATOM 1.6 GHz, 1GB RAM, 512 MB Flash, Windows XP embedded

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
RM8622 22 inch (55.9 cm) panel mount component