Features

- Extended temperature range for indoor/outdoor use
- Fiber or Cat5 KVM communication for keyboard and touchscreen
- Modular design for field maintainability
- Solution for Div 2 and Safe Areas
- Variety of keyboard and mounting options
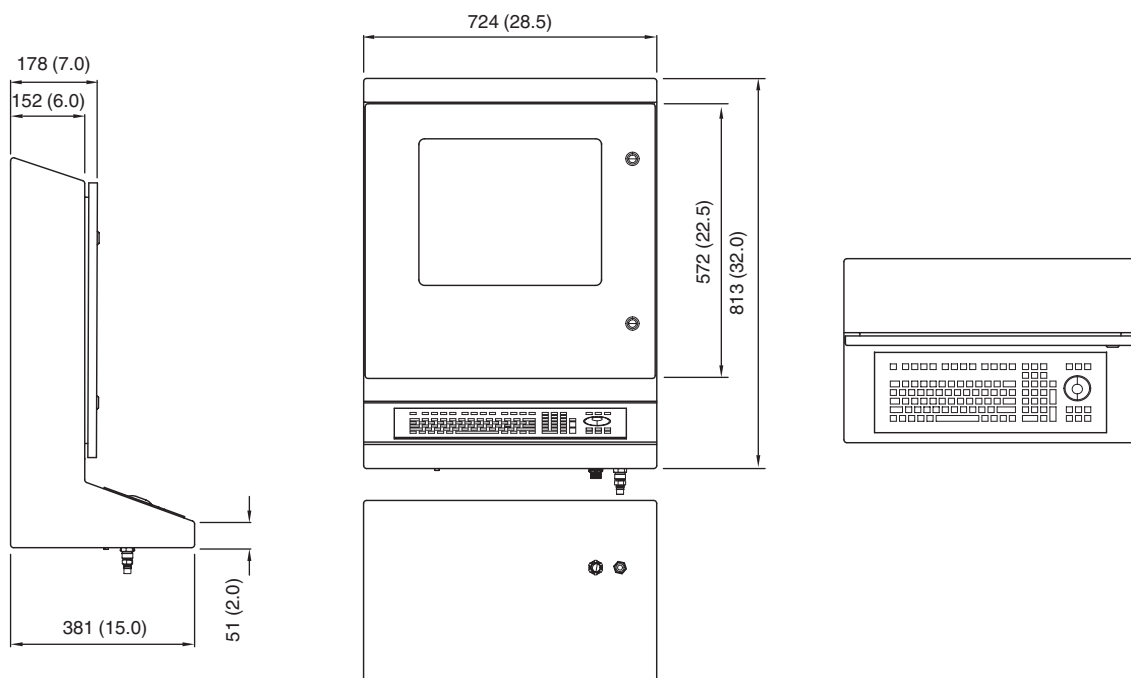- Watershed housing allows for proper drainage

Application

The VisuNet IND Edge is a universal design that is well suited for many applications. Unit features a hazardous area KVM for keyboard and touchscreen inputs. The intrinsically safe touchscreen properly protects the touchscreen interface.

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.

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Dimensions

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

Release date 2013-02-14 14:03   Date of issue 2013-02-14   t159123_eng.xml

Subject to reasonable modifications due to technical advances.

General specifications	
Distance	Transmitter "K3": 300 m (1000 ft) Transmitter "K4": 120 m (400 ft) Transmitter "K5": 200 m (650 ft), 62.5 µ multimode; 400 m (1300 ft), 50.0 µ multimode
Supply	
Connection	Monitor: power, CAT5, fiber (LC)
Power consumption	Main unit: 60 W max, 100 ... 240 VAC, 50 ... 60 Hz; 20-30 VDC Transmitter "K3": PS2 power Transmitter "K4": 5 VDC @ 10 W, max Transmitter "K5": 5 VDC @ 10 W, max
Indicators/operating means	
Indicators	Transmitter "K3": video check LED Transmitter "K4": video check LED; front panel - power Transmitter "K5": video check LED; front panel - power
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	Transmitter "K3": VGA - HD15M/F; 2 x PS2 (keyboard & mouse); 1 x RS232 (touchscreen); 1 x RJ45 (CAT5e/6) Transmitter "K4": 29-pin DVI-D; 2 x USB Type A (keyboard, mouse/touchscreen); 1 x RS232 (touchscreen); 1 x RJ45 (CAT5e/6) Transmitter "K5": 29-pin DVI-D; 2 x USB Type A (keyboard, mouse/touchscreen); 1 x RS232 (touchscreen); fiber optic (multimode) LC connectors
Touchscreen	5-wire resistive 5-wire hardened resistive
Serial data	
Baud rate	19.2 KBd max
Flow control	RTS, CTS, DTR, DSR
Directive conformity	
Electromagnetic compatibility	
Directive 89/336/EEC	EN55022A, EN61000-6-2, EN61000-3-2, EN61000-3-3 (main unit) EN55022, EN55024, IEC61000-4-2, IEC61000-4-3, IEC61000-4.4, IEC61000-4-5, EN61000-3-2, EN61000-3-3 (KVM transmitters)
Low voltage	
Directive 73/23/EEC	EN60950 (KVM transmitters)
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/Div 2, A - D

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Type code

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K M 8 7 1 9 – A – G P – K 3 A C W P 5 – C K 1 U S – S 0 – N
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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 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
K3   KVM for VGA video included, 2 x PS/2, 1 x RS232, analog CAT x cable transmission
K4   KVM for DVI-D video included, 2 x USB interface, 1 x RS232, CATx cable transmission
K5   KVM for DVI-D video included, 2 x USB interface, 1 x RS232, fiber-optic transmission (multimode), 2 x LC connectors

Protection
GP   Industrial, Non-EX
D2   Class I, Div. 2 A, B, C, D

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

Monitor
KM8719   19 inch (48.3 cm) panel mount component