Features

- 15 inch TFT display w/ optional touch screen
- High-bright display for sunlight readabliity
- Seams continuously welded and ground smooth (Type 4/4X, IP66)
- Connects to host PC via internal KVM extender
- Class I, Div. 2 / ATEX Zone 2 approved

Application

VisuNet IND KM915 rugged industrialized housing was made to extended the control room into the toughest process conditions. The KVM extender option allows the display and the host PC be up to 400 m (1300 ft) apart and is certified for installation in Class I/Div 2 and ATEX Zone 2 hazardous locations.

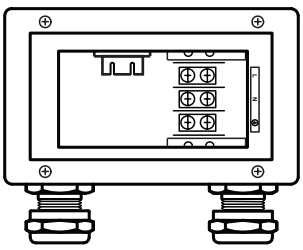
Designed for manufacturing environments where dust, bacteria, water, and other undesirable materials might accumulate, the enclosure construction and surfaces provide wash down solutions proper drainage to prevent standing water and easily mounts utilizing the industry standard 100 mm VESA.

This 15" monitor features an optional touch screen, keyboard with various mouse options, and choice of one of three KVM types.

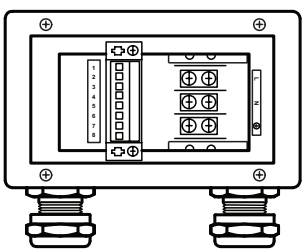
Connection

SP7 / SS7

CAT5 Terminals	Description
1.1	BI_DA + WH/GN
1.2	BI_DA − GN
1.3	BI_DB + WH/OR
1.4	BI_DC + BU
1.5	BI_DC − WH/BU
1.6	BI_DB − OR
1.7	BI_DD + WH/BN
1.8	BI_DD − BN

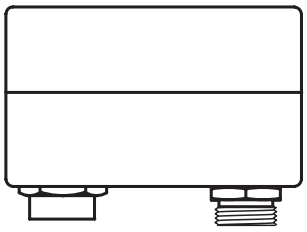


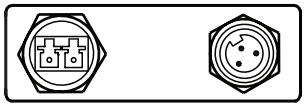
Fiber



CAT5

SP5 / SS5





Fiber

CAT5

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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: 48 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	15 inch (381 mm)
Response time	Standard: 30 ms High-bright : 25 ms
Resolution	1024 x 768
Color depth	24 bit (16.7 M) color
Contrast	Standard: 800:1 High-bright: 700:1
Brightness	Standard: 350 cd/m^2 (nits) High-bright: 1200 cd/m^2 (nits)
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 B (keyboard, mouse/touchscreen); 1 x RS232 (touchscreen); 1 x RJ45 (CAT5e/6) Transmitter "K5": 29-pin DVI-D; 1 x USB Type B (keyboard, mouse/touchscreen); 1 x RS232 (touchscreen); fiber optic (multimode) LC connectors
Touchscreen	5-wire resistive 5-wire hardened resistive
Keyboard	touchpad , optical trackball (50 mm) , joystick
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
Ambient conditions	
Operating temperature	-20 ... 50 °C (-4 ... 122 °F)
Storage temperature	-20 ... 60 °C (-4 ... 140 °F)
Relative humidity	0 ... 90% (noncondensing)
Shock resistance	30g, 11 ms, all axis
Vibration resistance	5 ... 100 Hz 1G, 12 m/s^2
Mechanical specifications	
Degree of protection	Type 4X (stainless steel) Type 4 (painted steel) IP66
Material	Main enclosure: painted black steel or 316L stainless steel Main enclosure (rear cover): 6062 anodized aluminum, marine grade
Installation	100 mm (3.9 inch) VESA mount
Mass	Main unit: 11.3 kg (25 lb) without keyboard; 16.8 kg (37 lb) with keyboard Transmitter "K3": 1.3 kg (2.9 lbs) Transmitter "K4": 0.3 kg (0.7 lbs) Transmitter "K5": 0.3 kg (0.7 lbs)
Dimensions	Main enclosure: 478 x 381 x 86 mm (18.8 x 15.0 x 3.4 inch), junction box adds 43 mm (1.7 inch) to depth Keyboard enclosure: 559 x 254 x 51 mm (22.0 x 10.0 x 2.0 inch) Transmitter "K3": 198 x 99 x 36 mm (7.8 x 3.9 x 1.4 inch) Transmitter "K4": 104 x 135 x 36 mm (4.1 x 5.3 x 1.4 inch) Transmitter "K5": 104 x 135 x 36 mm (4.1 x 5.3 x 1.4 inch)
Data for application in connection with hazardous areas	
EU-Type Examination Certificate	
Marking	Ⓔx II 3G Ex ic nA IIC T4 Gc
International approvals	
ETL Intertek	Class I, Div. 2 Groups A, B, C, D; T4

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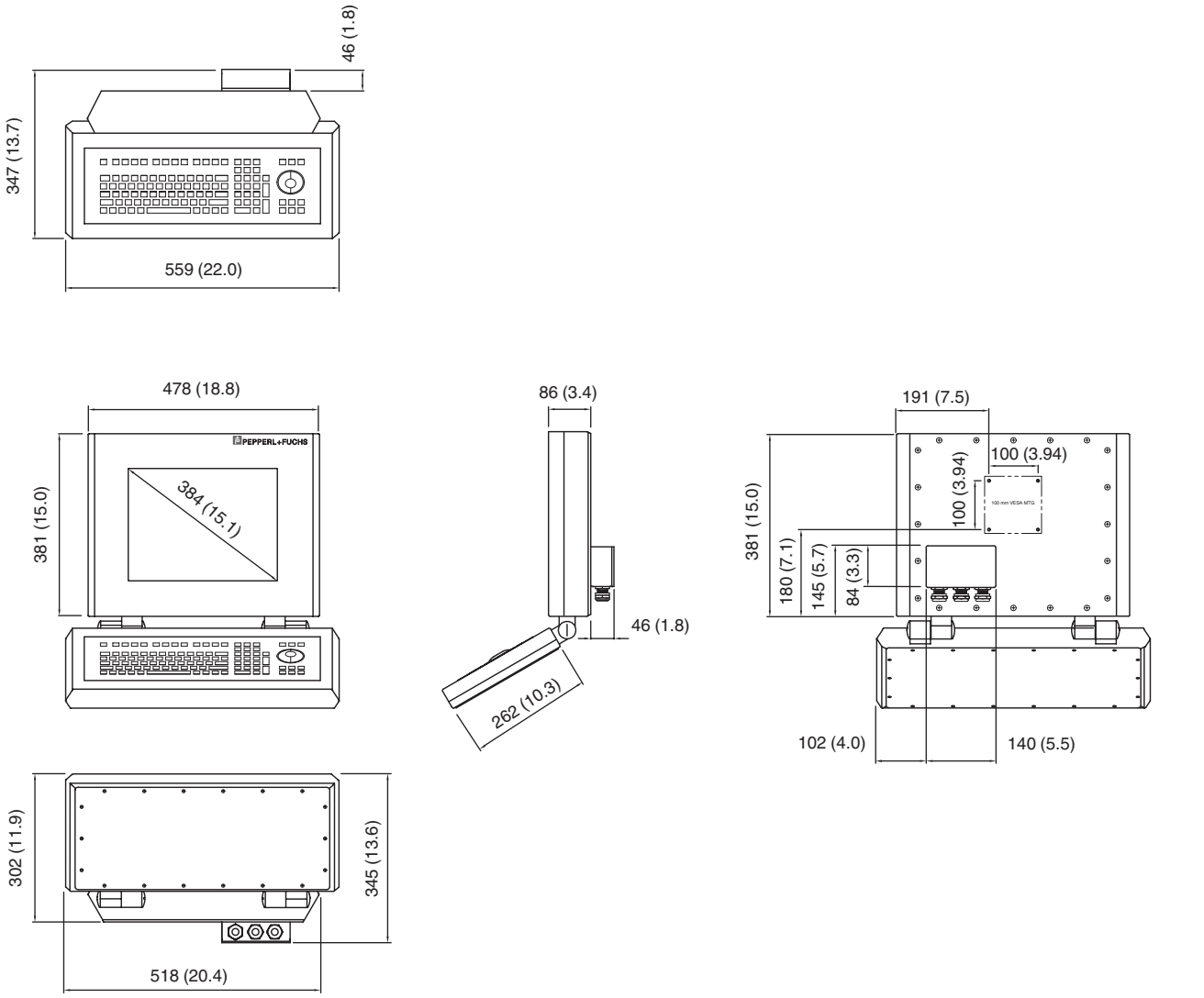
Dimensions



Accessories

VESA CABLE FEEDTHROUGH

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Type code

K	M	9	1	5	T	–	D	2	–	K	5	A	C	–	S	S	7	N	K	0	L	0	–	S	0	–	N

KM915 KVM monitor, 15 in (381 mm), XGA (1024 x 768 pixels), internal KVM

Screen type
- **A** Antiglare glass front, non-touch
- **R** Touch screen, resistive, 5-wire, hardened glass
- **T** Touch screen, resistive, 5-wire
- **U** High-bright display, 5-wire, resistive, touch screen
- **F** High-bright display, non-touch
- **K** High-bright display, 5-wire, hardened, resistive, touch screen

Protection
- **GP** Industrial, Non-EX
- **D2** Class I, Div. 2 Groups A, B, C, D
- **V3** Class I, Div. 2 Groups A, B, C, D / ATEX Zone 2

Board specifications
- **K3** KVM for VGA video included, 2x PS/2, ix RS232, analog CATx cable transmission
- **K4** KVM for DVI-D video included, 2x USB interface, 1x RS232, CATx cable transmission
- **K5** KVM for DVI-D video included, 2x USB interface, 1x RS232, fiber-optic. transmission (multi-mode), 2x LC connectors

Power supply
- **AC** 90 - 260 V AC, 50 - 60 Hz - “GP” & “D2” Protection only
- **DC** 24 V DC

Housing version
- **SP5** IND housing, black painted steel, rear junction box with IP67 connectors - “GP” Protection only
- **SS5** IND stainless steel (316L) housing, rear junction box with IP67 connectors - “GP” Protection only
- **SP7** IND housing, black painted steel, rear junction box with cable glands
- **SS7** IND stainless steel (316L) housing, rear junction box with cable glands

Keyboard housing
- **N** No keyboard, no mouse
- **C** Hinge mounted

Keyboard/mouse version
- **K0** No keyboard, no mouse
- **K4** Foil keyboard & capacitive touchpad mouse
- **K6** Foil keyboard & joystick
- **K8** Foil keyboard & 50 mm optical trackball mouse
- **K9** Foil keyboard & resistive touchpad mouse

Keyboard layout
- **L0** No keyboard, no layout
- **US** Keyboard, layout U.S.

Special accessories
- **S0** No special accessories

Options
- **N** No options

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