

Features

- 15" TFT display w/ optional touch screen
- Seams continuously welded and ground smooth (Type 4/4X, IP66)
- Various keyboard/mouse options
- Video transfer via EtherNet/IP connection
- 100 mm VESA mount
- Class I/Div 2, ATEX Zone 2 approved

Application

The RM915 remote monitor is designed for continuous use in harsh environments such as manufacturing, oil & gas, and chemical applications.

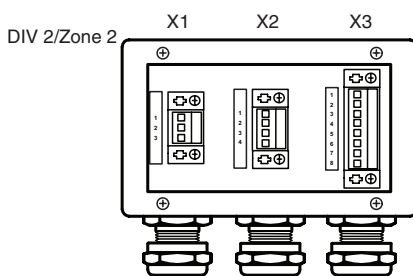
The RM transmits video data digitally from the host PC to the monitor over an Ethernet connection using RDP, VNC, or ICA protocol.

The compact housing design allows for easy mounting using the industry standard 100 mm VESA mount.

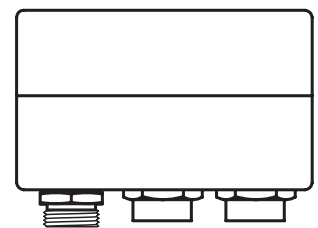
This 15" monitor features an optional touchscreen and keyboard with various mouse options.



Connection



General Purpose



X1 Terminals	AC	DC
1.1	L	+
1.2	N	-
1.3	GND	GND

X2 Terminals	Description
2.1	VCC RD
2.2	D+ GN
2.3	D- WH
2.4	GND BK

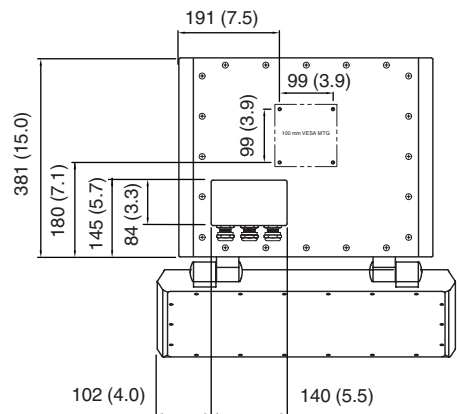
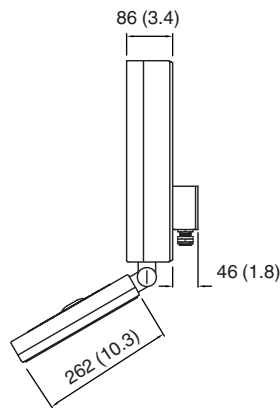
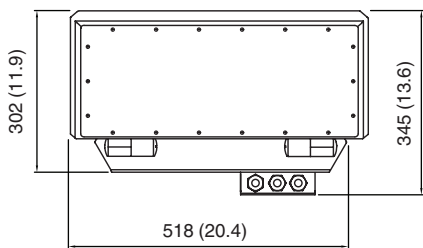
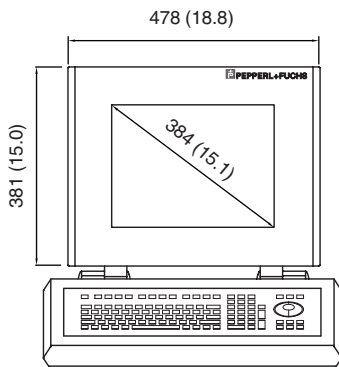
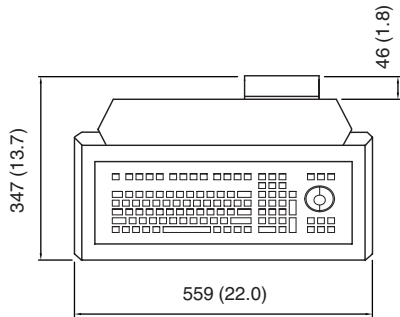
X3 Terminals	Description
3.1	BI_DA+ WH/GN
3.2	BI_DA- GN
3.3	BI_DB+ WH/OR
3.4	BI_DC+ BU
3.5	BI_DC- WH/BU
3.6	BI_DB- OR
3.7	BI_DD+ WH/BN
3.8	BI_DD- BN

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Hardware	
Processor	Intel® Atom™ N270 1.6 GHz
RAM	1 GB
Mass storage	compact flash: 512 MB
Supply	
Power consumption	48 W max, 100 ... 240 VAC, 50 ... 60 Hz, or 20-30 VDC
Indicators/operating means	
Display	
Screen diagonal	15.0 "
Response time	15 ms
Resolution	1024 x 768
Color depth	24 bit (16.7 M) color
Contrast	600:1
Brightness	Standard: 500 nit Zone 2: 400 nit Transflective: 600 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
Keyboard	touchpad , optical trackball (50 mm) , joystick connections : USB
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	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
Dimensions	Main enclosure: 478 x 381 x 86 mm (18.8 x 15.0 x 3.4 inches), junction box adds 43 mm (1.7 inches) to depth Keyboard enclosure: 559 x 254 x 51 mm (22.0 x 10.0 x 2.0 inches)
Data for application in connection with Ex-areas	
EC-Type Examination Certificate	
Group, category, type of protection	⊕ II 3G Ex ic nA IIC T4 Gc
International approvals	
ETL Intertek	Class I/Div 2, ABCD, T4

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Dimensions



Type code

R M 9 1 5 A - D 2 - T 2 A C - S P 5 C K 0 L 0 - S 0 - N

<p>Options N No option</p> <p>Special accessories S0 No special accessories</p> <p>Keyboard layout L0 No keyboard, no layout US Keyboard, layout U.S.</p> <p>Keyboard/mouse version K0 No keyboard, no mouse K4 Foil keyboard & touchpad mouse built in K6 Foil keyboard & joystick K8 Foil keyboard & 50 mm optical trackball mouse</p> <p>Keyboard housing C Keyboard & mouse housing, hinge mount, housing, with hinges N No keyboard, no mouse</p> <p>Housing version SP5 IND slimline housing, black painted steel, rear junction box with IP67 connectors (GP only) SS5 IND slimline stainless steel (316L) housing, rear junction box with IP67 connectors (GP only) SP7 IND slimline housing, black painted steel, rear junction box with cable glands SS7 IND slimline stainless steel (316L) housing, rear junction box with cable glands</p> <p>Power supply AC 90 - 260 V AC, 50 - 60 Hz (GP and D2 only) DC 24 V DC</p> <p>Board specifications T2 Thin Client, ATOM 1.6 GHz, 1GB RAM, 512 MB Flash, Windows XP embedded</p> <p>Protection D2 Class I, Div. 2 A, B, C, D V3 Class I, Div. 2 A, B, C, D; ATEX Zone 2 GP Industrial, Non-EX</p> <p>Screen type A Antiglare glass front, non-touch R Touch screen, resistive, 5-wire, hardened glass T Touch screen, resistive, 5-wire L Transflective display, antiglare front, non-touch (GP and D2 only) H Transflective display, touch screen, resistive, 5-wire, hardened glass (GP and D2 only) M Transflective display, touch screen, resistive, 5-wire (GP and D2 only)</p>	<p>RM915 Remote monitor, 15.0", XGA (1024 x 768 pixels), Ethernet Network connection, RDP, TCP/IP</p>
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