

**Features**

- 15 inch TFT display w/ optional touch screen
- High-bright display for sunlight readablity
- 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.

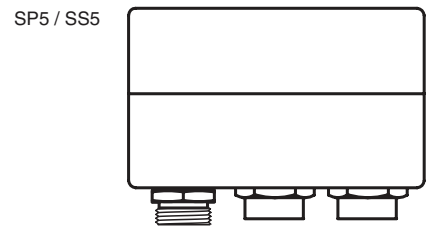
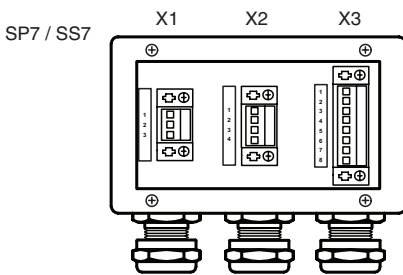
The RM transmits video data digitally from the host PC to the monitor over an Ethernet connection using RDP, VNC, or ICA protocol.

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**



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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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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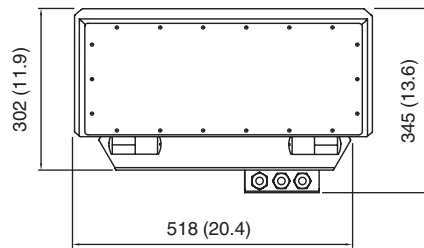
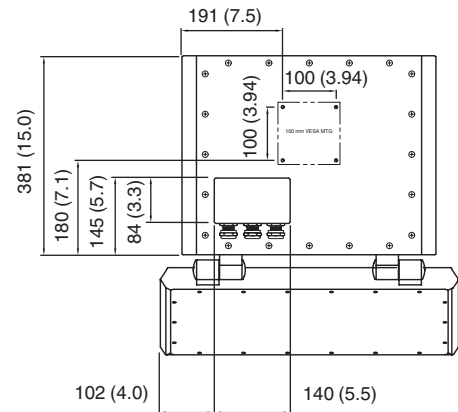
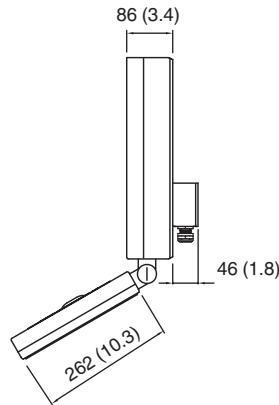
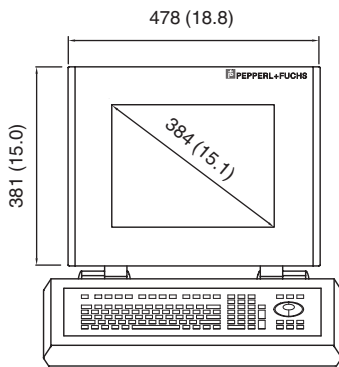
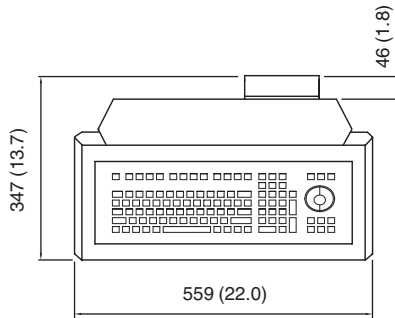
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<b>Hardware</b>	
Processor	Intel® Atom™ E3826 1.46 GHz
RAM	4 GB
Mass storage	compact flash: 32 GB CFAST
<b>Supply</b>	
Power consumption	48 W max, 100 ... 240 VAC, 50 ... 60 Hz, or 20-30 VDC
<b>Indicators/operating means</b>	
Display	
Screen diagonal	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 <sup>2</sup> (nits) High-bright: 1200 cd/m <sup>2</sup> (nits)
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
<b>Interface</b>	
Interface type	1 x RJ-45 (GB ethernet) , 1 x USB 2.0 , 1 x power 1 x Fiber optic LAN, SC duplex, multimode (optional)
<b>Directive conformity</b>	
Electromagnetic compatibility	
Directive 89/336/EEC	EN55022A, EN61000-6-2, EN61000-3-2, EN61000-3-3
<b>Software</b>	
Operating system	VisuNet RM Shell 4.x (based on Microsoft Windows Embedded Standard 7) or VisuNet RM Shell 5.x (based on Windows 10 IoT LTSC)
<b>Ambient conditions</b>	
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 <sup>2</sup>
<b>Mechanical specifications</b>	
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
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)
<b>Data for application in connection with hazardous areas</b>	
EU-Type Examination Certificate	
Marking	⊕ II 3G Ex ic nA IIC T4 Gc
<b>International approvals</b>	
ETL Intertek	Class I, Div. 2 Groups A, B, C, D; T4

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Dimensions



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**Accessories**

VISUNET-RM-SHELL4

VISUNET-RM-SHELL4-CC

VISUNET-RM-SHELL5

Thin Client Firmware for VisuNet Remote Monitors

VISUNET-CONTROL-CENTER

VISUNET-RM-SHELL4-DRDC

VISUNET-RM-SHELL5-CC

VisuNet Control Center License Key for RM Shell 5

DKX2-101-V2

Raritan Dominion KVM Switch

VISUNET-RM-SHELL5-DRDC

DRDC License Key for RM Shell 5

VISUNET-RM-SHELL4-PRO

VISUNET-RM-SHELL5-PRO

PRO License Key for RM Shell 5

VESA CABLE FEEDTHROUGH

Type code

R M 9 1 5 A - D 2 - T 51 A C - S P 5 C K 0 L 0 - S 0 - N

R	M	9	1	5	A	-	D	2	-	T	51	A	C	-	S	P	5	C	K	0	L	0	-	S	0	-	N	
													<b>Options</b>															
													N		No options													
													<b>Special accessories</b>															
													S0 No special accessories															
													FO Fiber optic LAN output															
													LL Dual copper LAN (Gigabit Ethernet)															
													<b>Keyboard layout</b>															
													L0 No keyboard, no layout															
													US Keyboard, layout U.S.															
													<b>Keyboard/mouse version</b>															
													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															
													<b>Keyboard housing</b>															
													C Hinge mounted															
													N No keyboard, no mouse															
													<b>Housing version</b>															
													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															
													<b>Power supply</b>															
													AC 90 ... 260 V AC, 50 ... 60 Hz - "GP" & "D2" Protection only															
													DC 24 V DC															
													<b>Board specifications</b>															
													T51 Thin client, Atom E3826, 4 GB RAM, 32 GB CFast, RM Shell (Windows 7 Embedded)															
													T61 Thin client, Atom E3826, 4 GB RAM, 32 GB CFast, RM Shell (Windows 10 IoT)															
													<b>Protection</b>															
													D2 Class I, Div. 2 Groups A, B, C, D															
													V3 Class I, Div. 2 Groups A, B, C, D / ATEX Zone 2															
													GP Industrial, Non-EX															
													<b>Screen type</b>															
													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															
RM915	Remote monitor, 15 in (381 mm), XGA (1024 x 768 pixels), Ethernet Network connection, RDP, TCP/IP																											

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