

**Features**

- 19" 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 RM919 remote monitor is designed for continuous use in harsh environments such as manufacturing, oil & gas, and chemical applications.

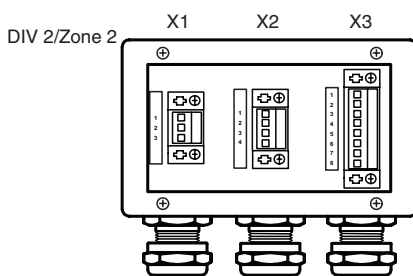
The RM transmits video data digitally from the host PC to the monitor over an Ethernet connection using RDP, VNC, or ICA protocol.

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

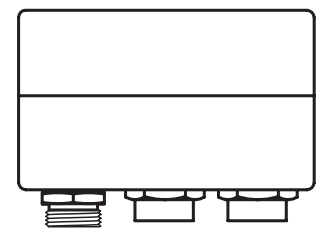
This 19" monitor features an optional touchscreen and keyboard with various mouse options.



**Connection**



General Purpose



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

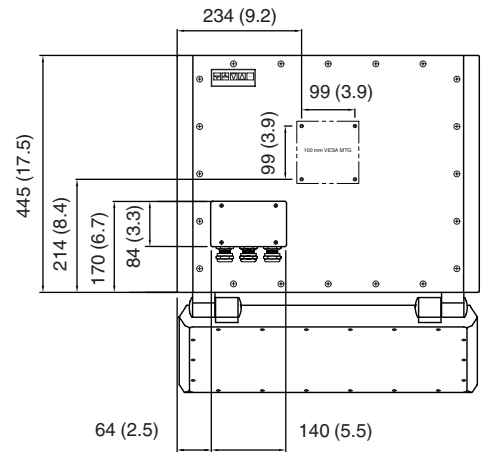
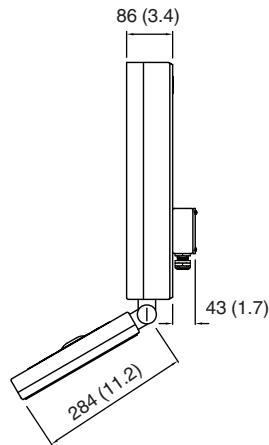
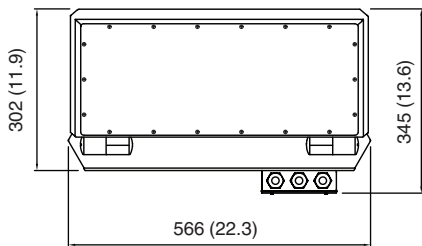
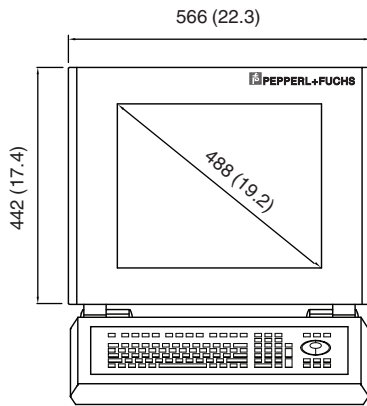
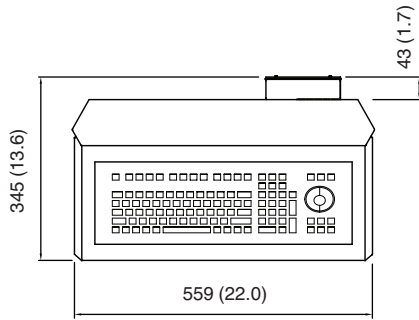
X2 Terminals	Description
2.1	VCC RD
2.2	D+ GN
2.3	D- WH
2.4	GND BK

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

Release date 2013-02-14 14:03 Date of issue 2013-02-14 547089\_eng.xml

<b>Hardware</b>	
Processor	Intel® Atom™ N270 1.6 GHz
RAM	1 GB
Mass storage	compact flash: 512 MB
<b>Supply</b>	
Power consumption	60 W max, 100 ... 240 VAC, 50 ... 60 Hz, or 20-30 VDC
<b>Indicators/operating means</b>	
Display	
Screen diagonal	19"
Response time	15 ms
Resolution	1280 x 1024
Color depth	24 bit (16.7 M) color
Contrast	900:1
Brightness	Standard: 300 nit Zone 2: 500 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
<b>Interface</b>	
Interface type	1 x RJ-45 (GB ethernet) , 1 x USB 2.0 , 1 x power
<b>Directive conformity</b>	
Electromagnetic compatibility	
Directive 89/336/EEC	EN55022A, EN61000-6-2, EN61000-3-2, EN61000-3-3
<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)
<b>Mechanical specifications</b>	
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: 13.6 kg (30 lb) without keyboard; 19.1 kg (42 lb) with keyboard
Dimensions	Main enclosure: 566 x 442 x 86 mm (22.3 x 17.4 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)
<b>Data for application in connection with Ex-areas</b>	
EC-Type Examination Certificate	
Group, category, type of protection	Ⓔ II 3G Ex ic nA IIC T4 Gc
<b>International approvals</b>	
ETL Intertek	Class I/Div 2, ABCD, T4

Dimensions



Type code

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

