

Panel mount remote monitor

VisuNet RM8219



- 19 inch TFT display w/ optional touch screen
- Class I/Div 2, Class II/Div 2 and ATEX/IECEX Zone 2 and 22 approved
- Compression fit touchscreen ensures reliable continuous use
- Shock and vibration resistant
- Extended temperature range for indoor/outdoor use
- Supports RDP, ICA, or VNC protocols
- Standard Ethernet networking connections to the server
- Class I/Div 2, Class II/Div 2, ATEX/IECEX Zone 2, and ATEX Zone 22 approved

Remote monitor designed for continuous use in harsh environments



Function

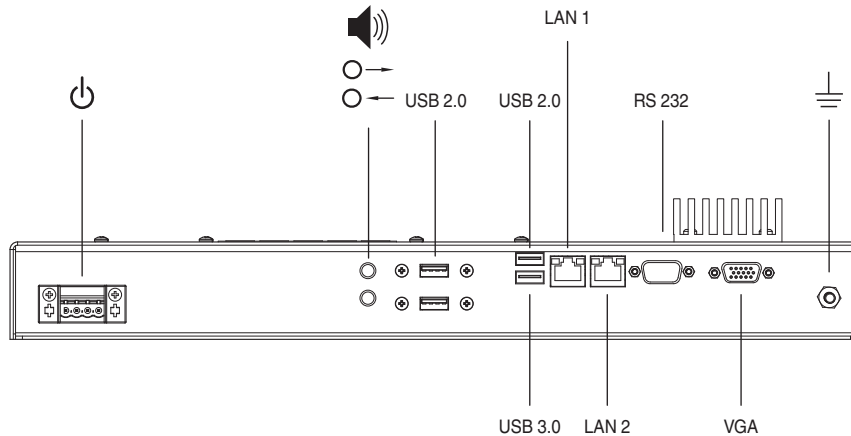
The RM8219 panel mount remote monitor is designed for continuous use in harsh environments such as manufacturing, oil & gas, and chemical applications.

The RM8219 transmits video data digitally from the host PC to the monitor over an Ethernet/IP connection using RDP, VNC, or ICA protocol.

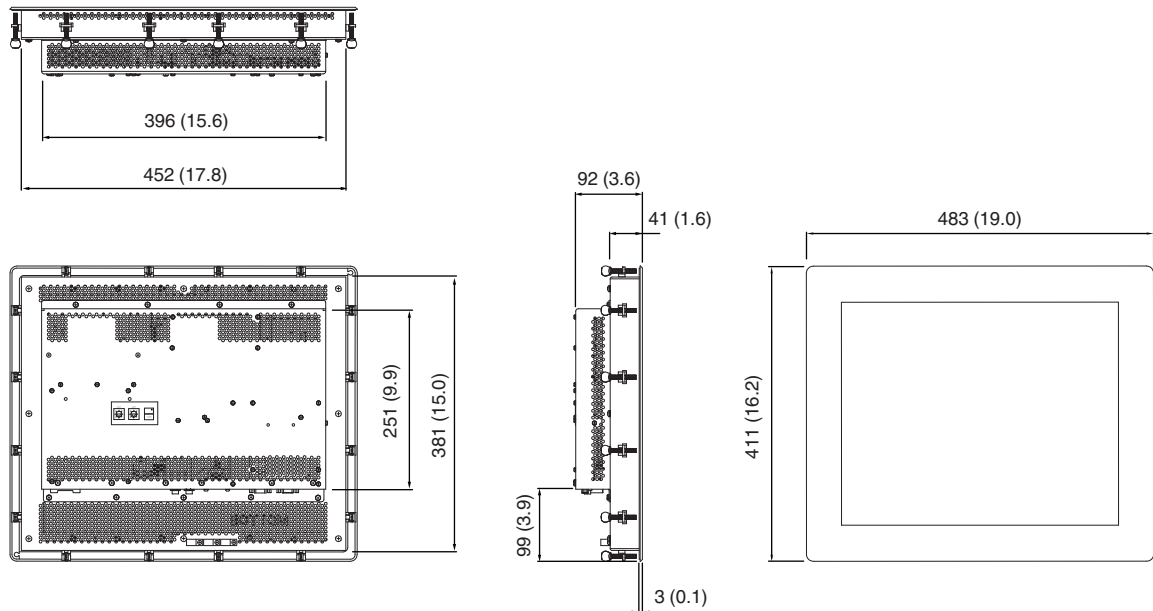
This 19" RM monitor features an optional touchscreen.

The front bezel is rated Type 4/4X, IP66.

Connection



Dimensions



Technical Data

Hardware	
Processor	Intel® Atom™ E3826 1.46 GHz alternative: 1.58GHz Intel® Celeron N2807 *
RAM	4 GB
Mass storage	compact flash: 32 GB CFAST
Supply	
Connection	Terminals
Power consumption	20 ... 30 VDC , 4.0 A max
Indicators/operating means	
Display	
Screen diagonal	19 inch (48.3 cm)
Response time	Standard: 12 ms High-bright: 5 ms
Resolution	1280 x 1024
Color depth	24 bit (16.7 M) color
Contrast	1000:1
Brightness	Standard: 450 cd/m ² (nits) High-bright: 1000 cd/m ² (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
Interface	






Release date: 2021-10-01 Date of issue: 2021-10-01 Filename: 547157_eng.pdf

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

Technical Data

Interface type	2 x 1 GB ethernet, 4 x USB, audio, RS232, power
Directive conformity	
Electromagnetic compatibility	
Directive 2014/30/EU	EN 61326-1:2013
Software	
Operating system	VisuNet RM Shell 5 (based on Microsoft® Windows® 10 IoT LTSB)
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	Bezel: black painted steel or 316L satinless steel
Installation	panel mount panel cutout: 455 x 386 mm (17.9 x 15.2 inch)
Mass	11.3 kg (25 lb)
Dimensions	483 x 411 x 92 mm (19 x 16.2 x 3.6 inch)
Data for application in connection with hazardous areas	
Certificate	DEMKO 12 ATEX 1107369X Ⓢ II 3G Ex nA nC IIC T4 Gc Ⓢ II 3G Ex nA IIC T4 Gc
Certificate	PF15CERTB098X Ⓢ II 3D Ex tc IIIC T85°C Dc ("B1" version only)
Directive conformity	
Directive 2014/34/EU	EN 60079-0:2012/A11:2013 EN 60079-15:2010 EN 60079-31:2014 ("B1" version)
IECEx approval	IECEx UL 12.0028X
International approvals	
UL approval	UL Listing (E190294) for Class I Div 2, Groups A, B, C, D Class II Div 2, Groups F, G UL Listing (E185778) for Ordinary Locations
General information	
Supplementary information	* see Typelabel 2021 alternative, processor can not be chosen

Accessories

	VISUNET-RM-SHELL5 (2016 LTSB)	Thin Client Firmware for VisuNet Remote Monitors and Box Thin Clients
	VISUNET-CONTROL-CENTER	Additional Management tool for VisuNet Remote Monitors and Box Thin Clients
	VISUNET-RM-SHELL5-CC	VisuNet Control Center License Key for RM Shell 5
	VISUNET-RM-SHELL5-DRDC	DRDC License Key for RM Shell 5
	VISUNET-RM-SHELL5-PRO	PRO License Key for RM Shell 5

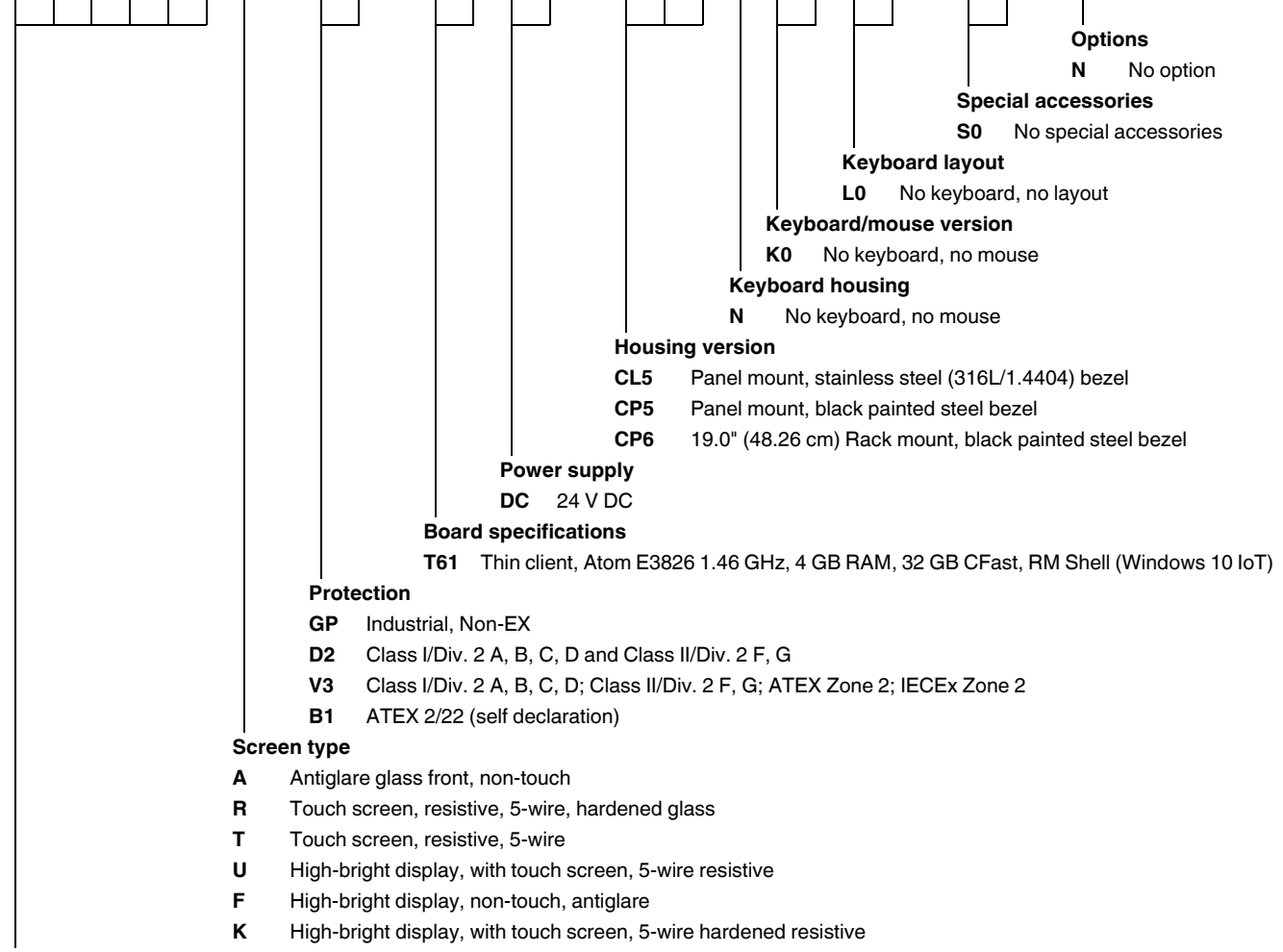
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 **PEPPERL+FUCHS**

Type Code

R M 8 2 1 9 A - G P - T 2 D C - C L 5 N K 0 L 0 - S 0 - N



RM8219 Remote monitor, 19.0" (48.26 cm), SXGA (1280 x 1024 pixels)

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