

# Panel mount remote monitor

## VisuNet RM8215



- 15 inch TFT display w/ optional touch screen
- Class I/Div 2, Class II/Div 2 and ATEX/IECEX Zone 2 and 22 approved
- Extended temperature range for indoor/outdoor use
- Compression fit touchscreen ensures reliable continuous use
- Shock and vibration resistant
- 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

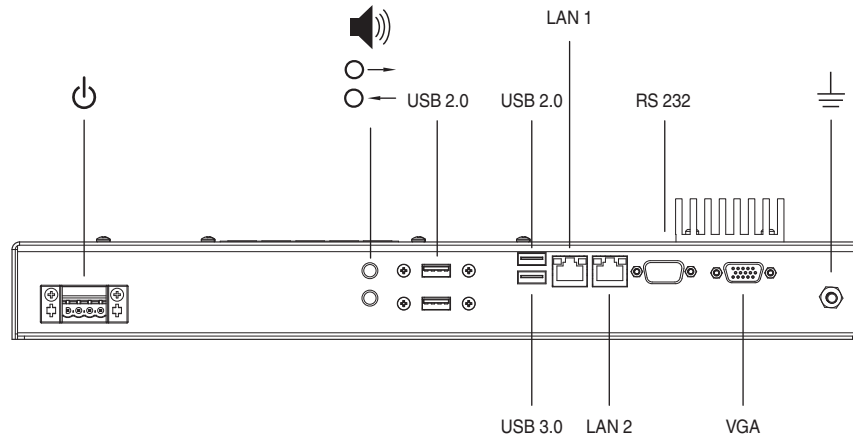
The RM8215 panel mount remote monitor is designed for continuous use in harsh environments such as manufacturing, oil & gas, and chemical applications.

The RM8215 transmits video data digitally from the host PC to the monitor over an Ethernet/IP connection using RDP, VNC, or ICA protocol.

This 15" RM monitor features an optional touchscreen.

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

### Connection



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

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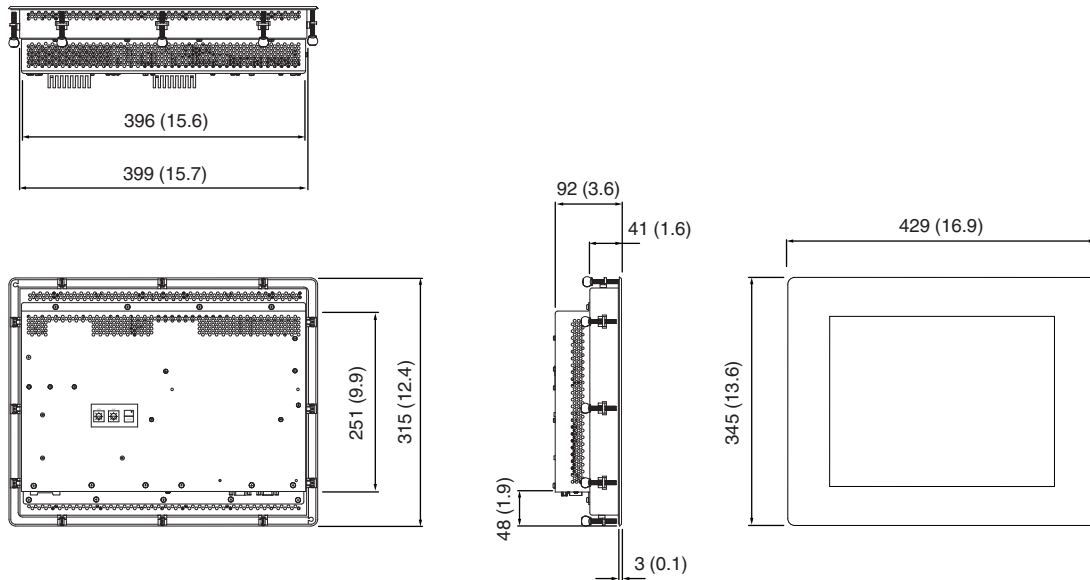
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 PEPPERL+FUCHS

**Dimensions**



**Technical Data**

<b>Hardware</b>	
Processor	Intel® Atom™ E3826 1.46 GHz alternative: 1.58GHz Intel® Celeron N2807 *
RAM	4 GB
Mass storage	compact flash: 32 GB CFAST
<b>Supply</b>	
Connection	Terminals
Power consumption	20 ... 30 VDC , 2.5 A max
<b>Indicators/operating means</b>	
<b>Display</b>	
Screen diagonal	15 inch (38.1 cm)
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
<b>Input devices</b>	
Touchscreen	5-wire resistive 5-wire hardened resistive





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## Technical Data

<b>Interface</b>	
Interface type	2 x 1 GB ethernet, 4 x USB, audio, RS232, power
<b>Directive conformity</b>	
Electromagnetic compatibility	
Directive 2014/30/EU	EN 61326-1:2013
<b>Software</b>	
Operating system	VisuNet RM Shell 5 (based on Microsoft® Windows® 10 IoT LTSP)
<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	Bezel: black painted steel or 316L satinless steel
Installation	panel mount panel cutout: 404 x 320 mm (15.9 x 12.6 inch)
Mass	8.6 kg (19 lb)
Dimensions	429 x 345 x 92 mm (16.9 x 13.6 x 3.6 inch)
<b>Data for application in connection with hazardous areas</b>	
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
<b>International approvals</b>	
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
<b>General information</b>	
Supplementary information	* see Typelabel 2021 alternative, processor can not be chosen

## Accessories

	<b>VISUNET-RM-SHELL5 (2016 LTSP)</b>	Thin Client Firmware for VisuNet Remote Monitors and Box Thin Clients
	<b>VISUNET-CONTROL-CENTER</b>	Additional Management tool for VisuNet Remote Monitors and Box Thin Clients
	<b>VISUNET-RM-SHELL4-PRO</b>	
	<b>VISUNET-RM-SHELL5-CC</b>	VisuNet Control Center License Key for RM Shell 5

## Accessories

	<b>VISUNET-RM-SHELL5-DRDC</b>	DRDC License Key for RM Shell 5
	<b>VISUNET-RM-SHELL5-PRO</b>	PRO License Key for RM Shell 5

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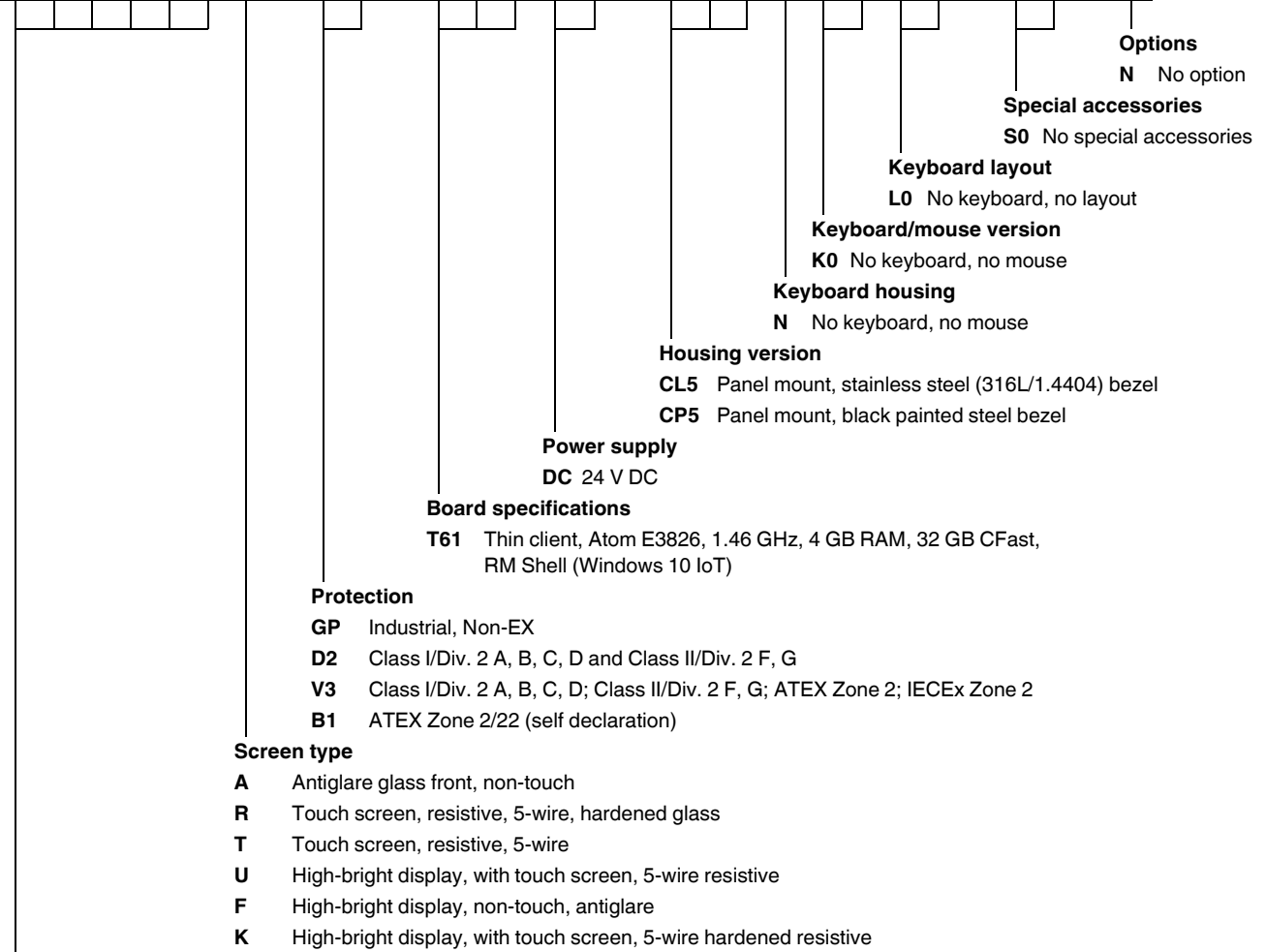
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**Type Code**

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



**RM8215** Remote monitor, 15.0" (38.1 cm), XGA (1024 x 768 pixels)

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