

Panel mount remote monitor

VisuNet RM8222



- 22 inch TFT display w/ optional touch screen
- Class I/Div 2, Class II/Div 2 and ATEX/IECEX Zone 2 and 22 approved
- Widescreen 16:10 aspect ratio
- Compression fit touchscreen ensures reliable continuous use
- Designed to withstand shock and vibration
- 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

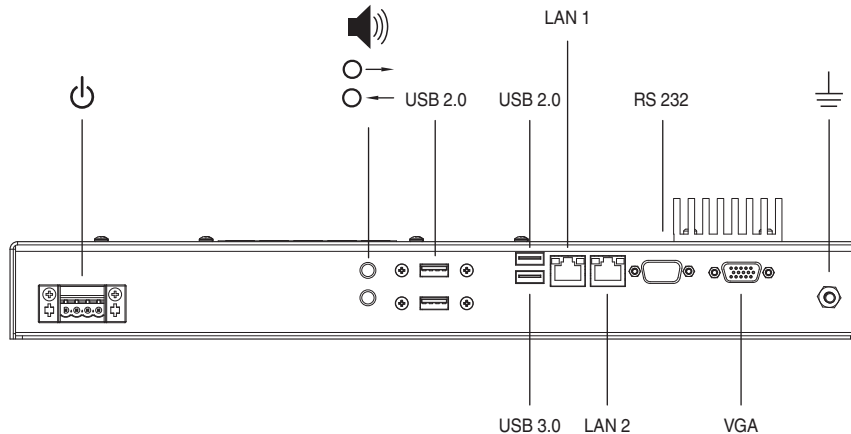
The RM8222 panel mount remote monitor is designed for continuous use in harsh environments commonly found in industrial manufacturing, oil & gas, and chemical applications.

The RM8222 monitor receives video signals from a host pc/server and transmits local user inputs e.g., touch and keystrokes.

Over an Ethernet (TCP/IP) connection using RDP, VNC, or ICA protocols.

This 22" RM monitor features an optional touchscreen. The front bezel is rated Type 4/4X.

Connection



Release date: 2023-05-23 Date of issue: 2023-05-23 Filename: t159362_eng.pdf

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

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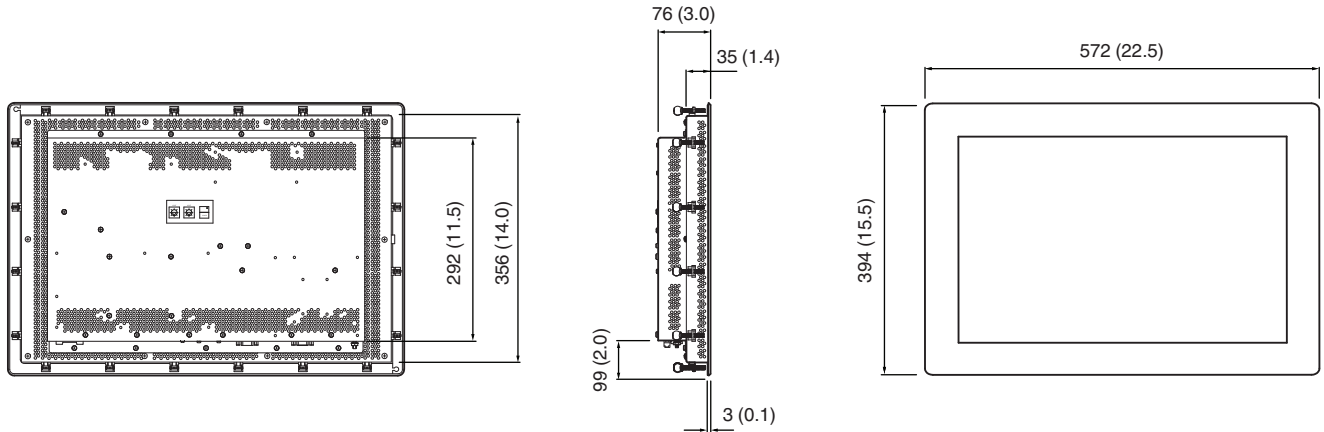
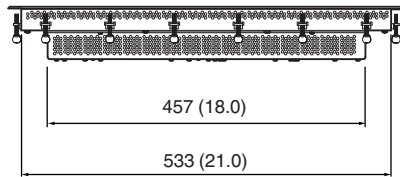
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Dimensions



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	60 W max. 20-30 VDC
Indicators/operating means	
Display	
Screen diagonal	22 inch (55.9 cm)
Response time	4 ms
Resolution	1680 x 1050
Color depth	24 bit (16.7 M) color
Contrast	1000:1
Brightness	250 cd/m ² (nit)
Reading angle	160° in all directions
Life span	back lamp life: 50,000 hrs typical half life
Input devices	
Touchscreen	5-wire resistive
Interface	
Interface type	2 x 1 GB ethernet, 4 x USB, audio, RS232, power
Directive conformity	





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Technical Data

Electromagnetic compatibility		
Directive 2014/30/EU		EN 61326-1:2013
Software		
Operating system		VisuNet RM Shell 5 (based on Microsoft® Windows® 10 IoT LTSC)
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: 536 x 358 mm (21.1 x 14.1 inch)
Mass		15.9 kg (35 lb)
Dimensions		572 x 394 x 76 mm (22.5 x 15.5 x 3.0 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 (2019 LTSC)	Thin Client Firmware for VisuNet Remote Monitors, Box Thin Clients and Tablet Thin Clients (mobile)
	VISUNET-RM-SHELL5 (2016 LTSC)	Thin Client Firmware for VisuNet Remote Monitors and Box Thin Clients
	VISUNET CONTROL CENTER 4	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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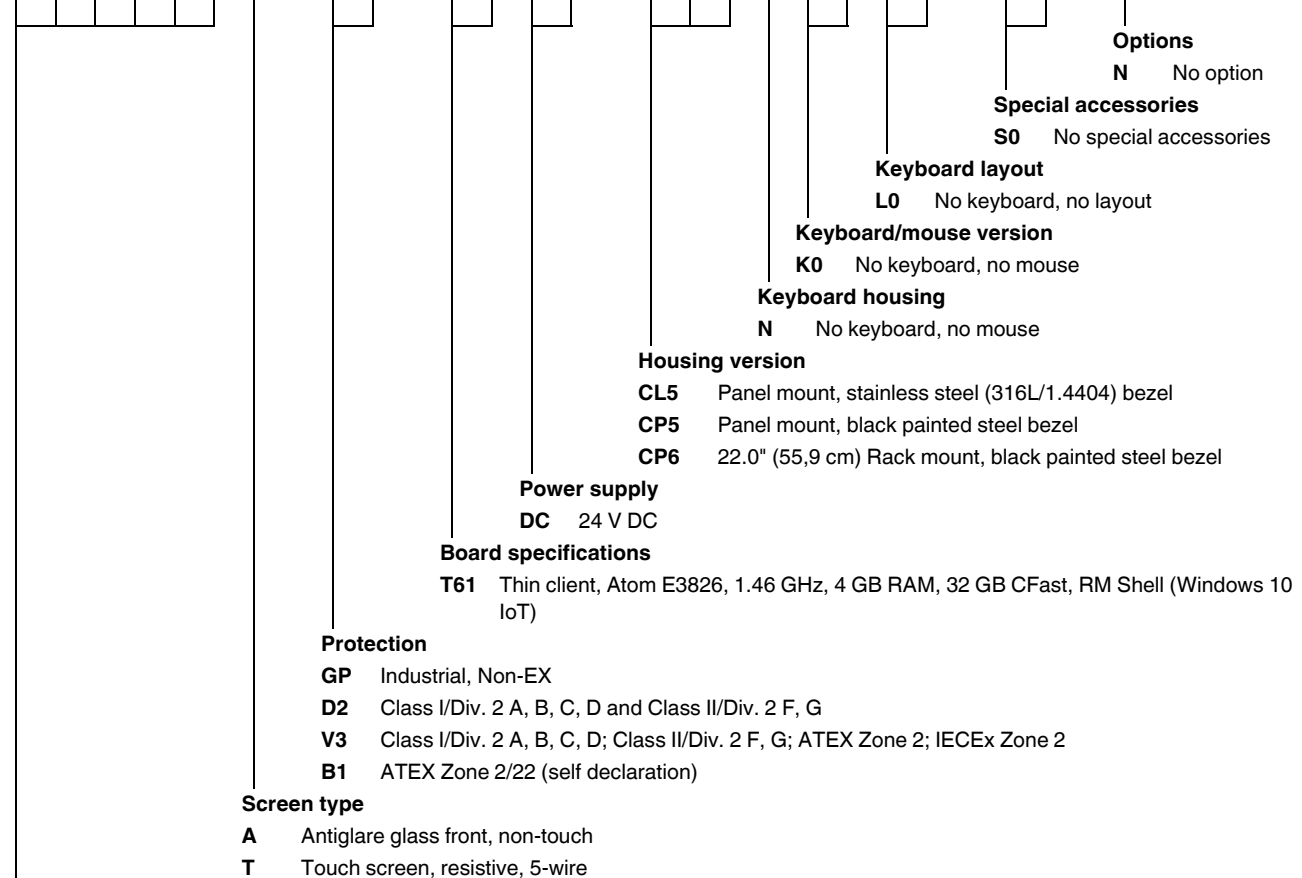
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Type Code

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



RM8222 Remote monitor, 22.0" (55.9 cm), WSXGA (1680 x 1050 pixels)

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