



Teleterm RPN Configurator

Model C5140A Teleterm Fibre Optic Radiation Protection Gateway Configurator

DATASHEET

- Enables portable configuration of one Teleterm Radiation Protection Gateway (RPN1) via a PC.
- Provides RJ45 to fibre optic conversion.
- Supplies AC power to one Teleterm Radiation Protection Gateway (RPN1).



Features

- Portable configuration of RPN
- AC Powered

Overview

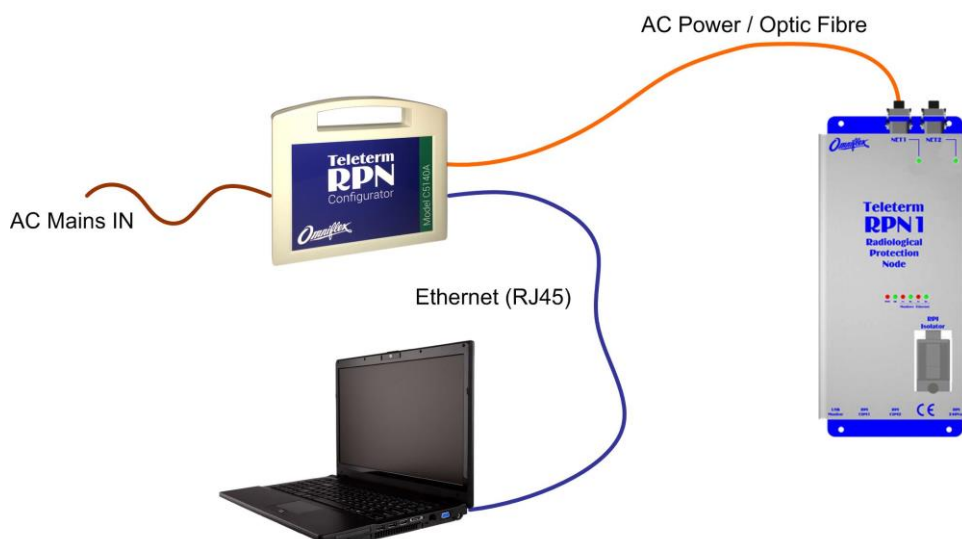
The Omniflex Teleterm RPN configurator simplifies the process of configuring the Radiological Protection Gateway (RPN1).

It provides an interface for an engineer to directly connect a computer running the Omniset Pro configuration software to a Radiological Protection Gateway (RPN1).

Simply power the RPN1 configurator with an IEC power cord, connect a computer using an ethernet cable to the RJ45 connector and connect the RPN1 using a Power+Fibre Link cable.

The RPN Configurator will power the RPN1 unit and it will provide a communication link between the RPN 1 unit and the configuration software on the computer.

Connection Diagram

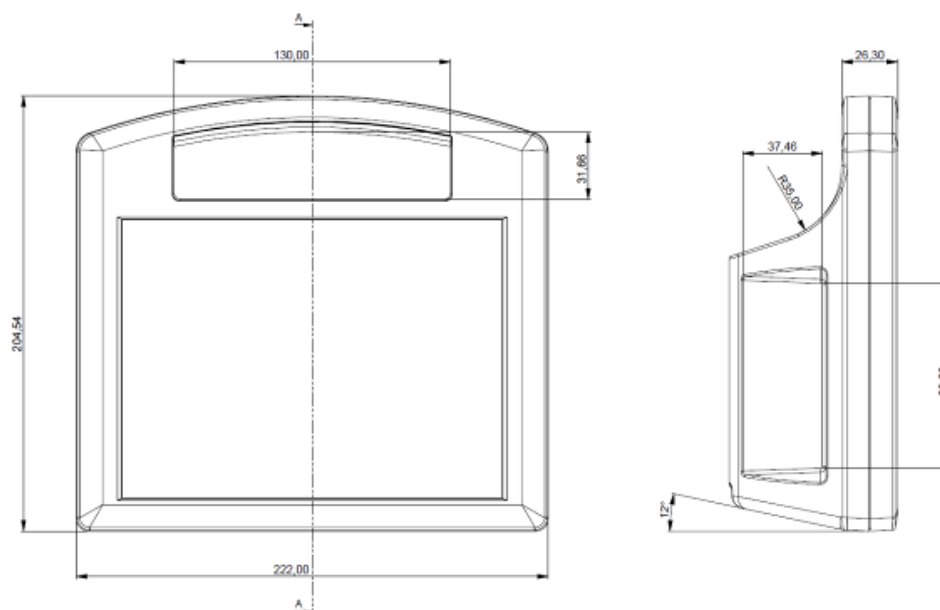




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Mechanical Details



Specifications

Ethernet Network Ports

Fibre Optic Ethernet Port	802.3u 100BaseFX
Optical Fibre	1300nm multimode
RJ45 Ethernet Port	802.3u 10/100BaseFX

Power Requirements

AC Input Voltage	85-264 Vac
Power Cable	C6 IEC Connector
AC Input Frequency	47-63Hz
Input current	<0.55A rms at 115Vac <0.35A rms at 230Vac (excludes current to Radiation Monitor)
Switch-on inrush current	20A at 115Vac 40A at 230Vac

LED Indicator

On side of the unit (near mains connector)

Power	Green	ON = Mains Connected and 24V ON. OFF = 24V OFF.
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Environment

Operating Temperature	0 to +60°C (+32°F – 140°F)
Storage Temperature	-10°C – 70 °C (+14°F – 158°F)

Mechanical

Width	222mm
Height	203mm
Depth	80mm

Weight

Unpacked	300gm approx.
Packed	400gm approx.

Compliance to Standards

Safety	UL 508
Emissions	EN 55011 and EN50081-2:1994 Group I, Class A
Immunity – ESD	IEC 61000-4-2:2001, level 3
Immunity – RF Fields	IEC 61000-4-3:2003, level 3
Immunity – Fast Transients	IEC 61000-4-4:2004 2 kV – AC power ports 1 kV – other input/output lines
Insulation Resistance (100% tested)	100Mohm at 500Vdc input to outputs to ground.

Ordering Information

ORDER CODE	DESCRIPTION
C5140A	Teleterm RPN Configurator
C1210A-xx	Power+Fibre link cable (xx = length in m)

