

# Product data sheet

Specifications



Smart RTU, SCADAPack 47x | 47xi,  
Linux application processor, upto 20  
flowrun license, 4 DI, 4 AI, 2 DO

SCADAPACK\_470i

## Main

Range of Product	SCADAPack 47x   47xi
Product or Component Type	Remote terminal unit
Market Segment	Oil and gas Water and waste water Energy
Sensor type	ARM Cortex-A7 dual core at 500 MHz for real time processor ARM Cortex-A7 dual core at 500 MHz for Linux edge application
Memory type	SRAM 4 MB for real time processor RAM DDR3 256 MB for real time processor NAND flash 256 MB for real time processor Data storage 70 MB for real time processor RAM DDR3 1 GB for Linux edge application NAND flash 1 GB for Linux edge application Data storage 500 MB for Linux edge application
Type of license	20 flowrun license
Range Compatibility	Realift
Product Specific Application	C/C++ applications Node-RED applications Containerized applications Custom web applications

## Complementary

Shock resistance	1 IEC 61131-3 master task 1 IEC 61131-1 fast task 2 IEC 61131-3 auxiliary task Linux applications
Function Available	RemoteConnect configuration software Software development Linux development via C/C++ and Python Logic development via five IEC 61131-3 languages Advanced diagnostics
Communication Service	Data logging in DNP3/ IEC 104
Communication Port Protocol	OPC UA MQTT over TLS Sparkplug B Modbus DNP3 level 4 IEC 60870-5-104 FTP server Telnet server SFTP SSL SSH

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications



Integrated connection type	4 Ethernet 8-pin modular, RJ45 - 10/100 Mbps 2 serial port for RS485 - 115.2 kbps 2 serial port for RS232/RS485 - 115.2 kbps 3 USB 2.0 port USB type A 1 USB 2.0 port USB type C
Cybersecurity	IP firewall Achilles certified DoS prevention HTTPS IEC 62442-4-2 SL1 Transport layer security Certificate based authentication Enable/disable communication ports Firmware signature Password protection System hardening NAT
Input type	Digital x4, 12...24 V DC Analog x4 Counter x4
Analogue input type	Current 0...20 mA Current 4...20 mA Voltage 0...5 V Voltage 1...5 V
Output type	2 digital, 30 V, 1 A
Counting frequency	4 x 10 kHz
Compatible expansion module	5304 analog output 5414 digital input 5415 digital output 5506 analog input 5606 expansion I/O 5607 expansion I/O 6601 expansion I/O 6607 expansion I/O 5505 RTD input
Input voltage	12...28 V DC
Power consumption in W	4.8 W
Width	5.6 in (142 mm)
Depth	2.7 in (68 mm)
Height	5.0 in (126 mm)
Net Weight	1.874 lb(US) (0.850 kg)

## Environment

Standards	CSA C22.2 No 61010-1-12 CSA C22.2 No 61010-2-201 UL 61010-1 UL 61010-2-201 FCC part 15 Subpart B class A FCC Part 15 class B
Product Certifications	ATEX II 3g Ex ec nC IIC T4 Gc ATEX zone 2 IECEX II 3g Ex ec nC IIC T4 Gc IECEX zone 2 cULus HazLoc Class I Division 2 Group A cULus HazLoc Class I Division 2 Group B cULus HazLoc Class I Division 2 Group C cULus HazLoc Class I Division 2 Group D CE ACMA
Marking	CE RCM EAC



Ambient Air Temperature for Operation	-40...158 °F (-40...70 °C) when the unit is mounted horizontally on a vertical surface -40...149 °F (-40...65 °C) when the unit is mounted in any other position -40...70 °C (-40...158 °F) when the unit is mounted horizontally on a vertical surface -40...65 °C (-40...149 °F) when the unit is mounted in any other position
Ambient Air Temperature for Storage	-40...185 °F (-40...85 °C) -40...85 °C (-40...185 °F)
Relative Humidity	5...95 % non-condensing
Pollution degree	2
Vibration resistance	7 mm constant amplitude 1 gn constant acceleration
Shock resistance	15 gn 15 ms IEC 61131-2

## Ordering and shipping details

GTIN	3606486863169
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## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.19 in (8.1 cm)
Package 1 Width	9.88 in (25.1 cm)
Package 1 Length	7.76 in (19.7 cm)
Package 1 Weight	2.2 lb(US) (1.0 kg)




Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.



[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Better

 Materials and Substances	
<a href="#">EU RoHS Directive</a>	Compliant with Exemptions
REACH Regulation	<a href="#">REACH Declaration</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a>
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

Use Again

 Repack and remanufacture	
WEEE	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
Take-back	No