

product type designation	<b>Gateway RTLS4330G</b> -- spare part -- SIMATIC RTLS gateway, RTLS4330G, UWB, chirp, ETSI integrated antennas.
product brand name	SIMATIC RTLS
suitability for operation	RTLS4300 with UWB, Chirp technology
<b>radio frequencies</b>	
operating frequency / 1	3100 ... 7000 MHz
equivalent isotropically radiated power / 1	0.001 ... 0.037 mW
range / 1 / maximum	30 m; Range information for open air applications; always follow the manual
accuracy of localization / 1 / typical	0.1 m
protocol / 1 / with radio transmission	IEEE 802.15.4-2011 UWB
transfer rate / 1 / with radio transmission / maximum	6800 kbit/s
operating frequency / 2	2400 ... 2480 MHz
equivalent isotropically radiated power / 2	0.00025 ... 100 mW
range / 2 / maximum	1000 m; Range information for open air applications; always follow the manual
accuracy of localization / 2 / typical	1.5 m
protocol / 2 / with radio transmission	IEEE 802.15.4a CSS
transfer rate / 2 / with radio transmission / maximum	1000 kbit/s
<b>interfaces</b>	
standard for interfaces / for communication	Ethernet, MESH Network
type of electrical connection	<ul style="list-style-type: none"> <li>for supply voltage</li> <li>for communications interface</li> <li>at the digital inputs/outputs</li> </ul>
number of digital inputs	0
number of digital outputs	1
<b>mechanical data</b>	
material	ASA+PC
color	titanium gray
<b>supply voltage, current consumption, power loss</b>	
supply voltage / at DC	<ul style="list-style-type: none"> <li>rated value</li> <li></li> </ul>
consumed current / at DC	<ul style="list-style-type: none"> <li>at 24 V / maximum</li> </ul>
<b>ambient conditions</b>	
ambient temperature	<ul style="list-style-type: none"> <li>during operation</li> <li>during storage</li> <li>during transport</li> </ul>
protection class IP	IP65
<b>design, dimensions and weights</b>	
width	180 mm
height	48 mm
depth	180 mm
net weight	0.65 kg
fastening method	3 M4 screws
<b>product features, product functions, product components / general</b>	
display version	3 LEDs
protocol / is supported / Media Redundancy Protocol (MRP)	No
protocol / is supported	

<ul style="list-style-type: none"> <li>• LLDP</li> <li>• PROFINET IO protocol</li> <li>• TCP/IP</li> <li>• SNMP v1</li> <li>• SNMP v2</li> <li>• SNMP v3</li> <li>• DCP</li> <li>• EtherNet/IP protocol</li> <li>• OPC UA</li> </ul>	<p>No</p> <p>No</p> <p>Yes</p> <p>No</p> <p>No</p> <p>No</p> <p>No</p> <p>No</p> <p>No</p> <p>No</p>
product feature / silicon-free	Yes
<b>standards, specifications, approvals</b>	
certificate of suitability	EU conformity according to RED, RoHS
certificate of suitability <ul style="list-style-type: none"> <li>• IECEx</li> </ul>	No
<b>accessories</b>	
accessories	Corner mount bracket, mounting plate for ceiling suspension
<b>further information / internet links</b>	
internet link <ul style="list-style-type: none"> <li>• to website: Image database</li> <li>• to website: CAX-Download-Manager</li> <li>• to website: Industry Online Support</li> </ul>	<a href="https://www.automation.siemens.com/bilddb">https://www.automation.siemens.com/bilddb</a> <a href="https://www.siemens.com/cax">https://www.siemens.com/cax</a> <a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>
<b>Approvals / Certificates</b>	
General Product Approval	Radio Equipment Type Approval Certificate



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