



## Data Sheet

# RX30 Series



The RX30 Series managed accessories are compact and ruggedized for use with the R1900 Series router. They can provide either four additional GbE PoE ports to connect and power additional Ethernet connected devices or a modem expansion slot and four additional standard GbE ports for carrier diversity and the ability to add additional connected devices.

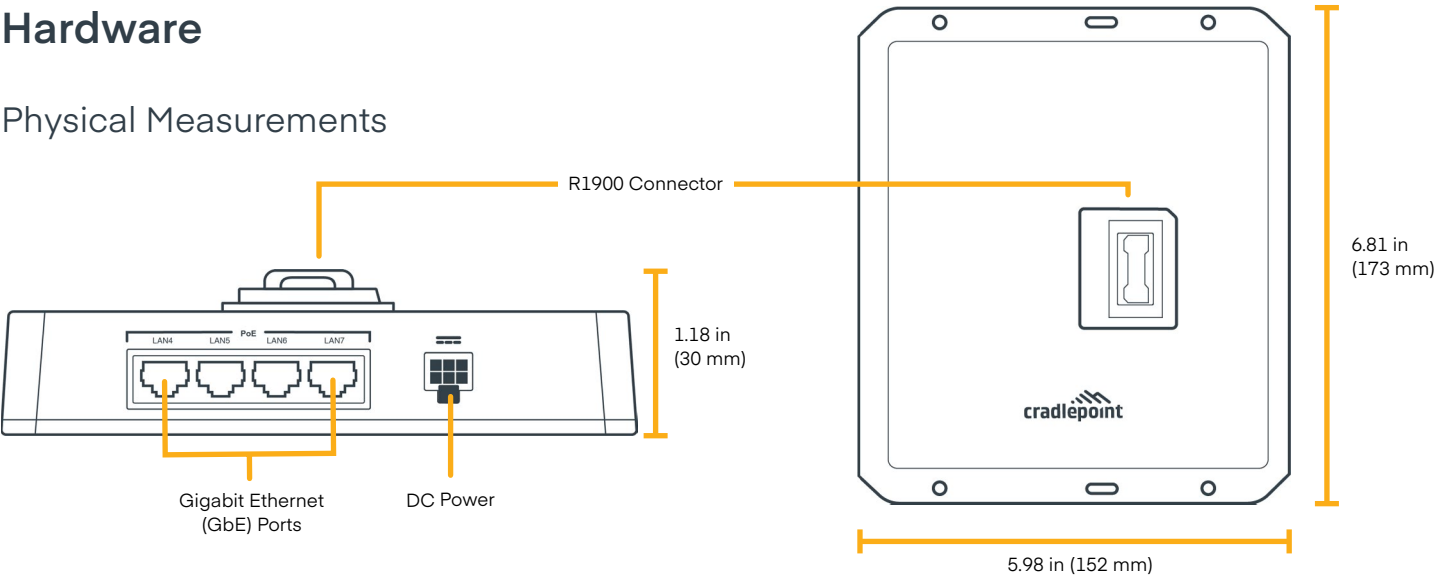
## Hardware Specifications

SPECIFICATION	RX30-POE	RX30-MC
<b>Technology:</b>	RX30-PoE Managed Accessory — PoE Switch <ul style="list-style-type: none"><li>— Ruggedized 4-port PoE 802.3bt (60W)</li><li>— 6-pin (2x3) Molex Micro-fit External Power Connector</li></ul>	RX30-MC Managed Accessory — Modem & Switch (future) <ul style="list-style-type: none"><li>— Ruggedized 4-port GbE</li><li>— MC400 modem expansion slot</li><li>— 6-pin (2x3) Molex Micro-fit External Power Connector</li></ul>
<b>ENVIRONMENTAL</b>		
<b>Temperature:</b>	Operating: -22 °F to 158 °F (-30 °C to 70 °C) Storage: -40 °F to 185 °F (-40 °C to 85 °C)	Operating: -22 °F to 158 °F (-30 °C to 70 °C) Storage: -40 °F to 185 °F (-40 °C to 85 °C)
<b>Humidity:</b>	Operating: 10% to 90% Storage: 5% to 95%	Operating: 10% to 90% Storage: 5% to 95%
<b>POWER</b>		
<b>Input Power:</b>	DC input steady state voltage range: 9–36 VDC <ul style="list-style-type: none"><li>— 6-pin (2x3) Molex Micro-fit External Power Connector</li><li>— Reverse polarity and transient voltage protection per ISO 7637-2</li></ul>	DC input steady state voltage range: 9–36 VDC <ul style="list-style-type: none"><li>— 6-pin (2x3) Molex Micro-fit External Power Connector</li><li>— Reverse polarity and transient voltage protection per ISO 7637-2</li></ul>
<b>Power Consumption:</b>	R1900-5GB + RX30 12V input, 77F (25C) ambient temperature <ul style="list-style-type: none"><li>— Sleep: 0.07 W</li><li>— Typical Usage: 21 W</li><li>— Idle: 14 W</li><li>— Heavy Usage: 23 W</li></ul>	R1900-5GB + RX30 12V input, 77F (25C) ambient temperature <ul style="list-style-type: none"><li>— Sleep: 0.07 W</li><li>— Typical Usage: 21 W</li><li>— Idle: 14 W</li><li>— Heavy Usage: 23 W</li></ul>
<i>Numbers shown are the minimum PoE power draw at each load, but can go up to &lt;max power draw&gt; based on number of PoE devices attached.</i>		
<b>PHYSICAL</b>		
<b>Size:</b>	6.81 x 5.98 x 1.18 in (173 x 152 x 30 mm)	6.81 x 5.98 x 1.18 in (173 x 152 x 30 mm)
<b>Weight:</b>	1.85 lb (0.84 kg)	TBD
<b>COMPATIBILITY</b>		
<b>Supported Routers:</b>	R1900 Series	R1900 Series

Refer to the [RX30 Managed Accessory Quick Start Guide](#)

# Hardware

## Physical Measurements



## Ordering Guide

The RX30 Managed Accessories are designed for the R1900 Series router. Activation and use of the RX30-MC or RX30-PoE requires a Cradlepoint R1900 Series router that is licensed to a NetCloud Service Plan.

For details on the features available to a licensed Cradlepoint router by service plan, refer to the summary on the [NetCloud Service webpage](#) and the detail in the NetCloud Service features document.

For more details on the RX30 Managed Accessories, see below.

REGION	DESCRIPTION	PART NUMBER
All Regions:	— RX30 Managed Accessory — PoE Switch	MB-RX30-POE
	— RX30 Managed Accessory — Modem & Switch	MB-RX30-MC

## Accessories

INCLUDED	PART NUMBER
<b>RX30 Managed Accessory</b>	
— GPIO & Power Cable, 2x3, 3 meters, 18AWG	170858-000
— Small Accessories Kit	N/A
— Mounting Template	N/A

## Support & Warranty

The RX30-PoE and RX30-MC are sold only as optional accessories. All Cradlepoint hardware products are covered by a limited lifetime warranty for as long as they have a subscription license to an active NetCloud Service Plan.