



TPH6700

IP67 PC/ABS Housing
For R2000/R2000 Ent/R3000/R3000 Lite



INTRODUCTION

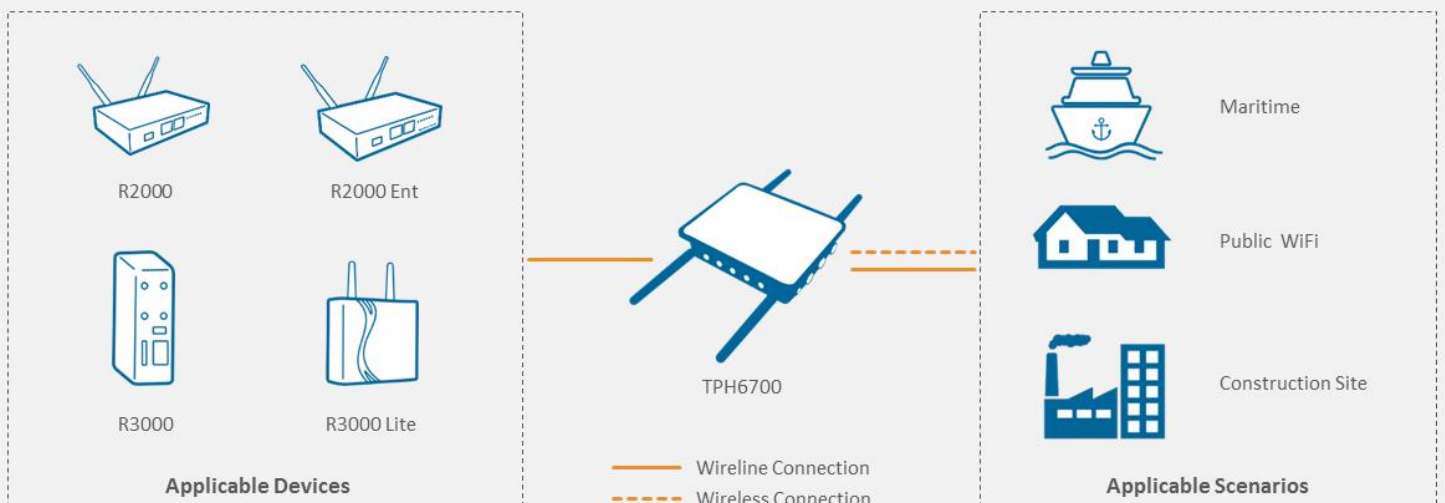
Designed to protect devices and connectors from extreme outdoor environments and harsh industrial conditions, the Robustel Typhoon6700 IP67 PC/ABS Housing (TPH6700) provides a weatherproof enclosure based on the available features of R2000/R2000 Ent/R3000/R3000 Lite. It combines a powerful device and a robust enclosure together in a single unit, providing high-protection for the use of the whole equipment. With an IP67 rated enclosure, the TPH6700 can be mounted either on a wall or a pole and positioned in diverse temperatures and environments.

Robustel is a leading global industrial IoT/M2M hardware and solution provider. Since its establishment in 2010 in Guangzhou, China, Robustel has been focusing on designing and manufacturing industrial cellular routers, gateways, modems, cloud platforms and E2E solutions. In order to support global business in more than 100+ countries and regions, Robustel has set up local offices in Germany, Australia, Netherlands, Japan and Hong Kong.

KEY FEATURES

- > IP67 ingress protection withstanding water, dust and other extreme weather conditions
- > Standards for the housing-
Performance requirement for high and low temperature
Aging-resistance level (UL746C)
Flame-retardant level (grade 2 of UL746C)
Standard requirement for environment protection
- > Up to 24 hours rechargeable battery for endurance (R2000/R3000 Lite)
- > Including built-in DC input
- > Supporting external solar energy (new energy) input
- > Applicable to the majority of Robustel’s products
- > Various interfaces meeting the different scenarios
- > Easy wall or pole mounting options

APPLICATION EXAMPLES



SPECIFICATIONS

Cellular Interface

Number of ports 4 or 2 connectors optional
(MAIN + AUX + ANT1 + ANT2)

Connector M16, female

Wi-Fi Interface

Number of ports 2 (WiFi MAIN + WiFi AUX)

Connector M16, female

Ethernet Interface

Number of ports 5, 2 or 1 ports optional
10/100 Mbps, ETH0~ETH4

Connector M12

Serial Port

Number of ports 1 x RS-232, 1 x RS-485 or 1 x RS-232 +
1 x RS-485

Connector M12, at least 7 PIN
(TXD, RXD, CTS, RTS, GND, A, B)

Power Supply

Number of ports 1 x POWER + 1 x POWER OPTIONAL

Connector M12, at least 3 PIN (DC+, DC-, GND)

Input voltage
POWER port -
100 - 240 V, 50-60 HZ AC input
9 - 60 V DC input
(9 - 36 V DC for R2000 Ent)

POWER OPTIONAL -
15 - 18 V for new energy input
48 - 57 V for POE input

Physical Characteristics

Enclosure cover Fully detachable

Material & Weight PC/ABS, 1010 g

Dimensions 310 x 245 x 95 mm

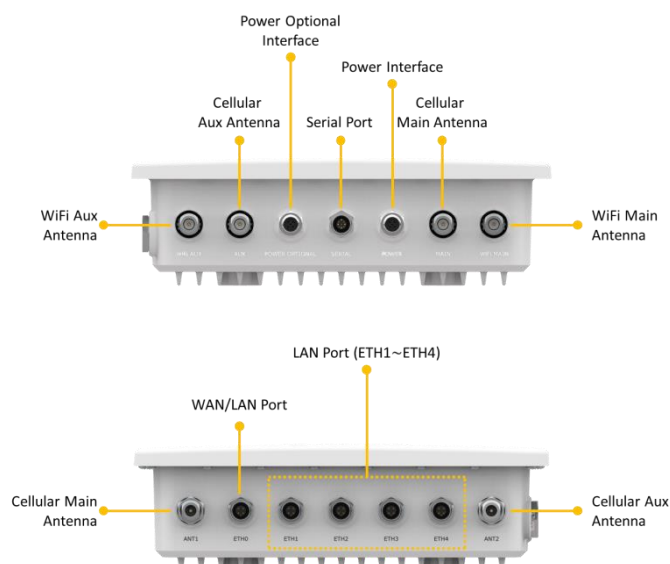
Installations Wall mounting and pole mounting

PACKAGE CONTENTS

> 1 x Robustel TPH6700 IP67 PC/ABS Housing

OPTIONAL ACCESSORIES (sold separately)

- > AC power supply board (not apply to R2000 Ent)
- > Rechargeable lithium battery
(5000 mAh, 11.1 V, -20 to 65°C operating temperature;
not apply to R2000 Ent)
- > 3G/4G antenna
- > Wi-Fi antenna
- > GPS antenna
- > Ethernet cable
- > Power supply cable
- > Serial port cable
- > Wall mounting kit
- > Pole mounting kit



ORDERING INFORMATION

Model	TPH6700-R2000	TPH6700-R2000E	TPH6700-R3000	TPH6700-R3000L
Number of Cellular Antennas	2	2/4	2	2
Number of Wi-Fi Antennas	2	2	1	--
Number of Ethernet Ports	2	5	2	1
Number of Serial Ports	--	1	2	1
Operating Environment	-25 to 70°C 5 to 95% RH	-25 to 70°C 5 to 95% RH	-40 to 75°C 5 to 95% RH	-40 to 75°C 5 to 95% RH

*For more ordering information about TPH6700, please contact your Robustel sales representative.