



# TPH6700

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



## INTRODUCTION

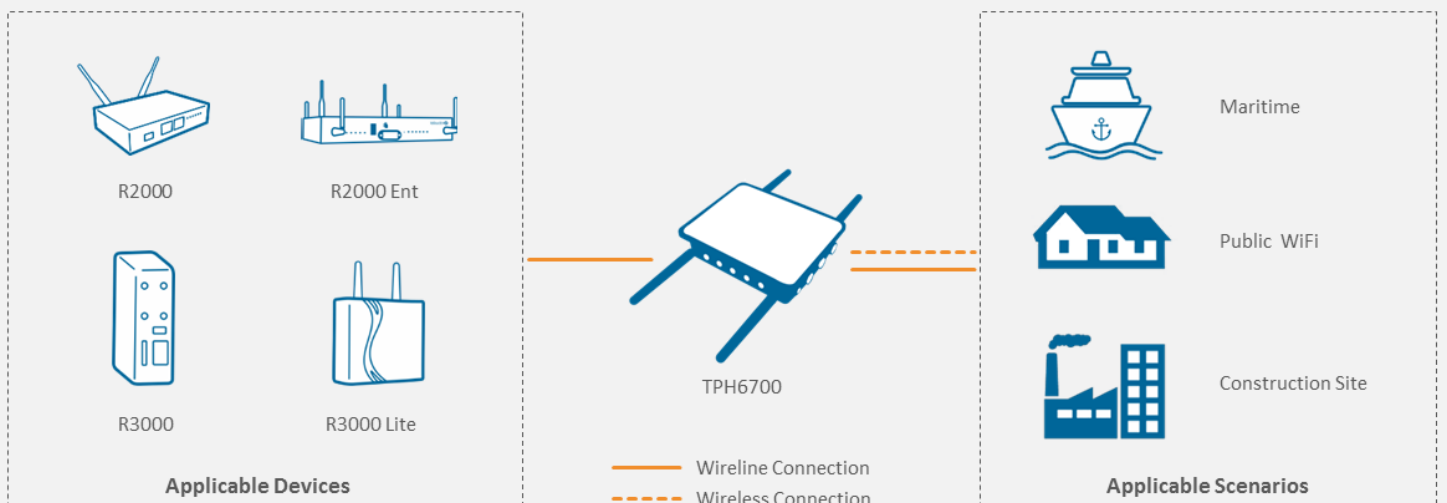
Designed to protect devices and connectors from extreme outdoor environments and harsh industrial conditions, the Robustel Typhoon6700 IP67 PC/ABS Housing (TPH6700) provides a weatherproof enclosure based on the available features of R2000/R2000 Ent/R3000/R3000 Lite. It combines a powerful device and 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, the Netherlands, the UK, 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 EXAMPLE



## SPECIFICATIONS

### Cellular Interface

Number of antennas	4 or 2 connectors optional (MAIN + AUX + ANT1 + ANT2)
Connector	M16, female

### Wi-Fi Interface

Number of antennas	2 (WiFi MAIN + WiFi AUX)
Connector	M16, female

### Ethernet Interface

Number of ports	5, 2 or 1 ports optional 10/100 Mbps
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, 8 PIN

### Power Supply

Number of ports	1 x POWER + 1 x POWER OPTIONAL
Connector	M12, 3 pin or 5 pin optional
Input voltage	POWER port - 100 - 240 V, 50-60 HZ AC input 9 - 60 V DC input (9 - 36 V DC for R2000/R2000 Ent/R3000 Lite) 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 93.4 mm
Installations	Wall mounting and pole mounting

### Certifications

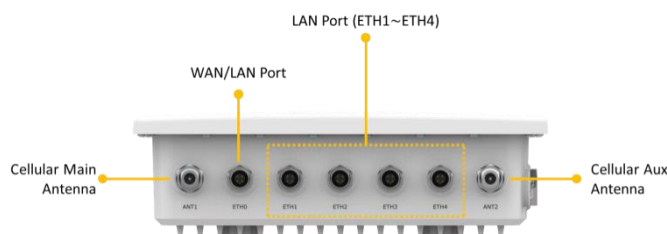
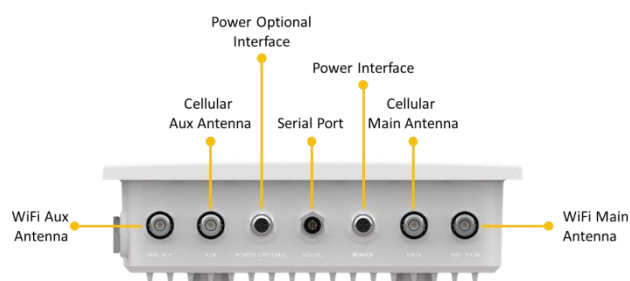
CE, RCM, IP67

## PACKAGE CONTENTS

- 1 x Robustel TPH6700 IP67 PC/ABS Housing

## OPTIONAL ACCESSORIES (sold separately)

- AC power supply board (not apply to R2000 Ent)
- 3G/4G antenna
- Wi-Fi antenna
- GPS antenna
- Ethernet cable (4/8 pin)
- Power supply cable (3/5 pin)
- Serial port cable (8 pin)
- 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.