

Product specification

Latest rev:01

File NO. : PS-R46-01

Issue date:2018-7-09

MODEL NO: R46

CUSTOMER MODEL NO:

PRODUCT DESCRIPTION: RAIN GAUGE

REV	content	date
00	First rev	2018-5-04
01	Revise RF distance standard, increase rainfall standard	2018-7-09

S  
P  
E  
C

Product picture:



PREPARED BY:

REVIEWED BY:

APPROVED BY:

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## PRODUCT SPEC

S  
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### 1. MAIN FEATURE:

- low voltage indication
- ASK launch mode
- RF test mode
- A channel synchronous launch separately
- Function key TX, every press of the key send once data

### 2. WORKING MODE CHOOSE:

#### 2.1 RF TESTING MODE AND NORMAL MODE:

#### 2.2 LAUNCH DATA:

**A.**after power on, launch once data

**B.** rainfall once is 0.7MM

**C.**every 85s launch once

D.test the rainfall data before launching data

#### 2.3 LOW\_BATT TEST:

A: LOW\_BATT is tested by out low power IC

B. TESTING TIME: BEFORE LAUNCH

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# ELECTRONIC SPEC

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battery voltage= $2 \times 1.5V$ (AA) size alkaline battery or same spec battery, environment temperature= $25^{\circ}\text{C}$

item	UNIT	MIN	TYPICAL VALUE	MAX
1. (Supply voltage):	V	2.5	3.0	3.3
2. (Standby current):	uA	--	--	40
3. (The RF current)	mA	--	--	15
4. (The RF distance)	m	80	--	--
5. (number of RF channel)	--	--	1	--
6.Low battery indicator	V	2.3		2.7
7. (Battery life of Alkaline battery)	Month	12	---	---

## FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

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(1) this device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

**Caution!**

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user authority to operate the equipment.