

**PRODUCT NAME****YCH-PR-2S****Model:PR-2S****Function And Advantage Introduction****Orientation Identification**

With 18dBi high-gain directional antenna, Direction Capacity: 30:1

**Reading Range Adjustable**

With signal attenuator, reading distance can be adjust from 1 to 120 meters, which can solve customers'sdiffrence requirement in real application.

**Long Range Reading distance**

Maximum Reading distance can reach to 120 meter, it is the best solution for long range parking identification system application.

**With high-performance 32-bit ARM Cortex-M3 core microcontroller**

**Tag Identification Speed: 50 tags/sec (sending by time)**

**Tag Reading Capacity: 50 tags/sec**

**PRODUCT SPECIFACATION****Technology Parameter**

<b>Processor</b>	32-bit ARM Cortex-M3
<b>Work frequency</b>	2.4GHz~2.483GHz
<b>Power supply</b>	DC12V
<b>Work current</b>	≤ 100mA
<b>Reading distance</b>	Maximum 120 meters
<b>Reading Capacity</b>	50 tags/sec
<b>Buffer Capacity</b>	50 tags (anti-reread)
<b>Operating temp</b>	-20℃~ +85℃
<b>Attenuation Distance</b>	1 to 120 meters adjustable
<b>Relative humidy</b>	≤ 90%
<b>Gain</b>	18dBi
<b>Receiving sensitivity</b>	-90dBm
<b>Relay load capacity</b>	AC250V-3A, DC24V-2A
<b>Copper core load capacity</b>	1.36A

**High security of resisting disturbance**

Adopts frequency Hopping & multi-type address technology, Strong encryption to card info by the unique program encryption technology, data transmitting to reader after multi-type checking way for data processing.

**Anti-collision**

50pcs RFID Card ID can read simultaneously.

**Multi-type data output format**

With Weigand, RS485 Data format output.

**Thus truly realizing the Anti-Clon of long-distance parking application .**

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YCH-PR-2S

## INSTALLATION DIAGRAM AND APPLICATION

SIZE : MM

