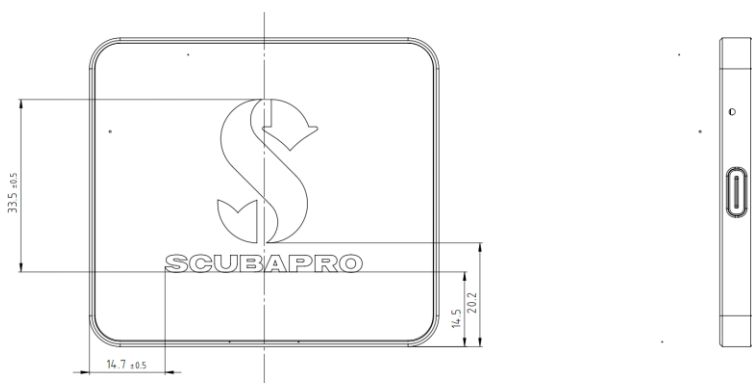


Model: T7S



1. Product Overview

T7s is a 5W Qi wireless charging transmitter complying with WPC Qi 1.2.4 standard. Adopted integrated CNC aviation aluminum alloy housing, low heat generation and high conversion efficiency. Built-in multi-protection circuits including overvoltage, overcurrent and short-circuit protection. Compatible with all Qi-enabled smartphones from Apple, Samsung, Nokia, LG. Fast charging supported with QC3.0 adapter.

2. Key Features

Max charging efficiency up to 73%, low heat output

Fully compliant with WPC Qi 1.2.4 wireless charging standard

Dynamic power adjustment for wide adapter compatibility

Complete safety protection: OVP, OCP, short-circuit & foreign object detection

Slim integrated aluminum alloy shell

Low standby power: 10~50mA standby current

Wide operating temperature range for indoor & outdoor use

3. Dimension & Marking

Size: $68 \times 60 \times 6$ mm

Weight: 55g

Bottom laser marking:

Wireless Pad Charger

Model number: T7S

Input: 5VDC 2A

Output: 5W

FCC ID: 2BKOL-HG-T7S

CE ROHS

Made in China

4. Technical Specifications

Input: DC 4.75~6.0V, rated 5V 2A

Max working current: 1A

Protection current limit: 3A

Operating frequency: 115~205KHz

Output power: 5W

Charging distance: 2~6mm

Efficiency: 72%~73%

Operation temp: -10°C~40°C

Storage temp: -40°C~80°C

5. LED Indicator (Red)

Standby: Red light steady on

Charging / Fully charged: Red light off

Error / Foreign object detected: Red light flashing

6. Operation Guide

Power supply: Connect USB-A cable to 5V/2A or QC3.0 adapter, red light stays on for standby.

Charge device: Place Qi phone on charging center without thick metal case. LED turns off when charging starts.

Finish charging: Remove phone to stop charging; unplug power if long time unused.

7. Safety Warnings

Use certified 5V/2A or QC3.0 power adapter only

Do not place magnetic cards, metal objects on charging surface

Do not disassemble or modify the unit

Keep away from high temperature, moisture and liquid

Stop using immediately if overheated, deformed or water damaged

8. Troubleshooting

No charging: Check power adapter / remove thick metal phone case / confirm Qi compatibility

LED flashes: Clear foreign objects on pad, power off and cool down

Slow charging: Replace with QC3.0 adapter, avoid high-temperature environment

9. Statement

We reserve the right to optimize product design without prior notice as long as core performance remains unchanged. Customer shall sign back this document within 10 working days upon receipt, otherwise acceptance is deemed confirmed. For samples, pinout diagram and full datasheet, please contact our hardware engineering team.

FCC Warning

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

FCC RF exposure statement:

The equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance between 20cm the radiator your body.