

Function

- 5G Filter
- Body thickness 7 mm
- Built-in low-noise amplifier with high gain for the best signal reception in the UHF band.
- Power supply via adapter. Adapter included.
- Easy installation - suitable for balcony, wall and roof.
- The antenna is resistant to UV radiation and weather conditions, waterproof.

Features

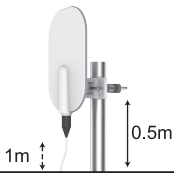
- Frequency range: UHF: 470-698 MHz
- Gain: 20dB
- Range: 50km
- Input voltage: AC 110-240V
- Working voltage: DC5V/550mA
- Impedance: 75 Ω
- Connector: F type connector

Installation

A Installation using a yoke screw

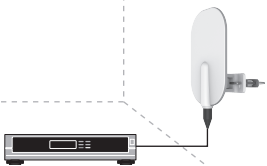


Insert the U-bolt through the hole in the antenna bracket and place the antenna on the mast. Then, insert the metal clip through the U-bolt and tighten it to the mast with the nuts.



Tip: Attach approximately 1 meter of loose coaxial cable to the mast about 0.5 m below the antenna so that the antenna can be rotated freely and the cable does not interfere with this operation

B Wall mounting



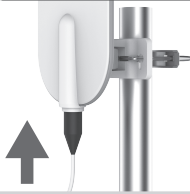
Drill holes in the wall according to the position of the holes in the antenna bracket and secure with screws. Place the antenna bracket on the screws and tighten.

C Mounting on railing (balcony)



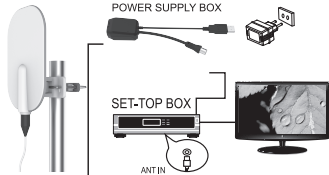
Use the U-bolt to attach the antenna bracket to the railing and tighten the screws.

1. Connecting the cable

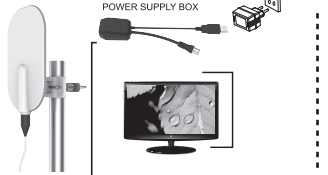


Connect the coaxial cable to the antenna output and slide the waterproof cap over it.

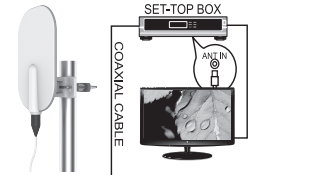
2. Connection and use



Connect the coaxial cable from the antenna to the input connector of the power adapter. Connect the USB end of the power adapter to the power adapter and plug the adapter into the outlet. Connect the coaxial end (IEC male connector) to the digital receiver. Finally, set the button on the power adapter to the ON position. Note: in order for the image to be transmitted, the TV must be connected to the receiver with an HDMI cable. TIP: The USB end of the power adapter can be connected to the USB port of the TV or set-top box, if it has one, and it is not necessary to use an adapter.



Connect the coaxial cable from the antenna to the input connector of the power adapter. Connect the USB end of the power adapter to the power adapter and plug the adapter into the outlet. Connect the coaxial end (IEC male connector) to the TV. Finally, set the button on the power adapter to the ON position. TIP: The USB end of the power adapter can be connected to the USB port of the TV if it has one and it is not necessary to use the adapter.

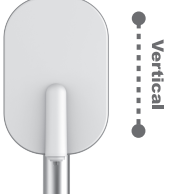


For passive use of the antenna, connect the coaxial cable leading from the antenna directly to the digital receiver or television. Note: the antenna connected as passive does not have the same power as when it is connected to the power adapter and then to the electrical network.

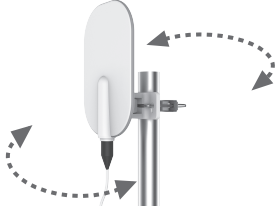
3. Position adjustment



Horizontal



Vertical



Adjust the antenna position for the best TV signal reception in your area.

 Disposal

The crossed-out wheeled bin symbol on your product, literature or packaging means that within the European Union all electrical and electronic products, batteries and accumulators must be taken to separate collection at the end of their working life. Do not dispose of these products as unsorted municipal waste.

 DECLARATION OF CONFORMITY

Hereby, Abacus Electric, s.r.o. declares that the EVOLVEO HDO 2 is in compliance with the essential requirements of Directive 2014/53/EC. The full text of the Declaration of Conformity can be downloaded from <http://ftp.evolveo.com/ce/>

Importer / Manufacturer - Abacus Electric, s.r.o.
Planá 2, 370 01, Czech Republic
Email: helpdesk@evolveo.com

Made in P.R.C.

Copyright © 2026 Abacus Electric, s.r.o.
All rights reserved. Appearance and specifications are subject to change without prior notice. Printing errors reserved.



Specifications of the included power adapter

Information published	Value and precision	Unit	Notes
Manufacturer's name or trade mark, commercial registration number and address	Guangdong Huasheng Electronic Technology Co., Ltd. 118# Dongyuan Road, Shipai Town, Dongguan City, Guangdong Province, China.	-	-
Model identifier	HS0500550VU	-	-
Input voltage	100-240	V	Specified by the manufacturer. Must be a value or a range.
Input AC frequency	50/60	Hz	Specified by the manufacturer. Must be a value or a range.
Output voltage	5	V	Rated output voltage. Shall indicate whether is AC or DC.
			In cases where more than one physical output or more than one output voltage under load condition 1 is measured, the sets of available output voltage, output current, and output power shall be published.
Output current	0,55	A	Nameplate output current.
			In cases where more than one physical output or more than one output voltage under load condition 1 is measured, the sets of available output voltage, output current, and output power shall be published.
Output power	2,75	W	Nameplate output power.
			In cases where more than one physical output or more than one output voltage under load condition 1 is measured, the sets of available output voltage, output current, and output power shall be published.
Average active efficiency	≥68.96	%	Declared by the manufacturer based on the value calculated as the arithmetic mean of efficiency under load conditions 1–4.
			In cases where multiple average active efficiencies are specified for multiple output voltages available under load condition 1, the published value shall be the average active efficiency specified for the lowest output voltage.
Efficiency at low load (10%)	X,X	%	Declared by the manufacturer based on the value calculated at load condition 5.
			External power supplies with a rated output power of 10 W or less shall be exempt from this requirement.
			In cases where multiple average active efficiencies are specified for multiple output voltages available under load condition 1, the published value shall be the value specified for the lowest output voltage.
No-load power consumption	≤0.1	W	Declared by the manufacturer based on the value measured for load condition 6.