

CDS 5021h

Digital Wireless Transmitting – Receiving Set 5,2GHz

Designed for wireless video (PAL or NTSC) transmission over the radio-link on ISM 5,2GHz band. It supports 4 to 21 video channels. Each channel has factory defined operating frequency. It has one video input and 2 audio inputs/outputs.

CDS 5021h consists of :

- video / audio transmitter with pannel antenna x 1pcs.
- video / audio receiver with pannel antenna x 1psc.
- Mast mount 35-50mm x 2 pcs.
- User`s Manual
- Conformity Declaration

SPECIFICATION:

Frequency band	5,2 GHz
Power	<100mW
Modulation	OFDM
Resolution	720×576 (D1full PAL)
Video compression	MPEG-2
Input/Output	VIDEO - 75 Ω / AUDIO - 600 Ω
Antenna input	SMA F 50 Ω
Power supply	9-14V / 1,5A DC
Operating temperature	-20 °C ÷ + 55 °C
Dimensions	220x165x105mm
Operating range	1 or 2km
Weight	1,2 kg x 2pcs

ASSEMBLY:

Place transmitter and receiver on stable antenna rod using provided mount. Make sure that transmitter's antenna is facing the receiving point.

Connect video cable to BNC terminal. Unscrew cable bushing and take the rubber seal out. Put rubber seal on power supply adaptor wire. Power supply adaptor ending push through pocket to the appliance's bushing and twist on. **Note:** power supply adaptor plug is a simple type, dimensions 5.5/2.1mm, (standard power supply adaptor DC).

After turning it on (diode POWER will flash), devices find free frequency band themselves and set appropriate channel of work. Mutual configuration of transmitter and receiver lasts 20-40sec. After that time devices should be linked (diode LINK will flash constantly) and image should appear.

When diode LINK is pulsing or goes off that means transmission is broken off. Possible reason : transmitter's antenna is not facing the receiving point or there is big obstruction between transmitter and receiver. In case of no connection disconnect and connect power supply a few times. That will effect in automatic searching for free channel of work.

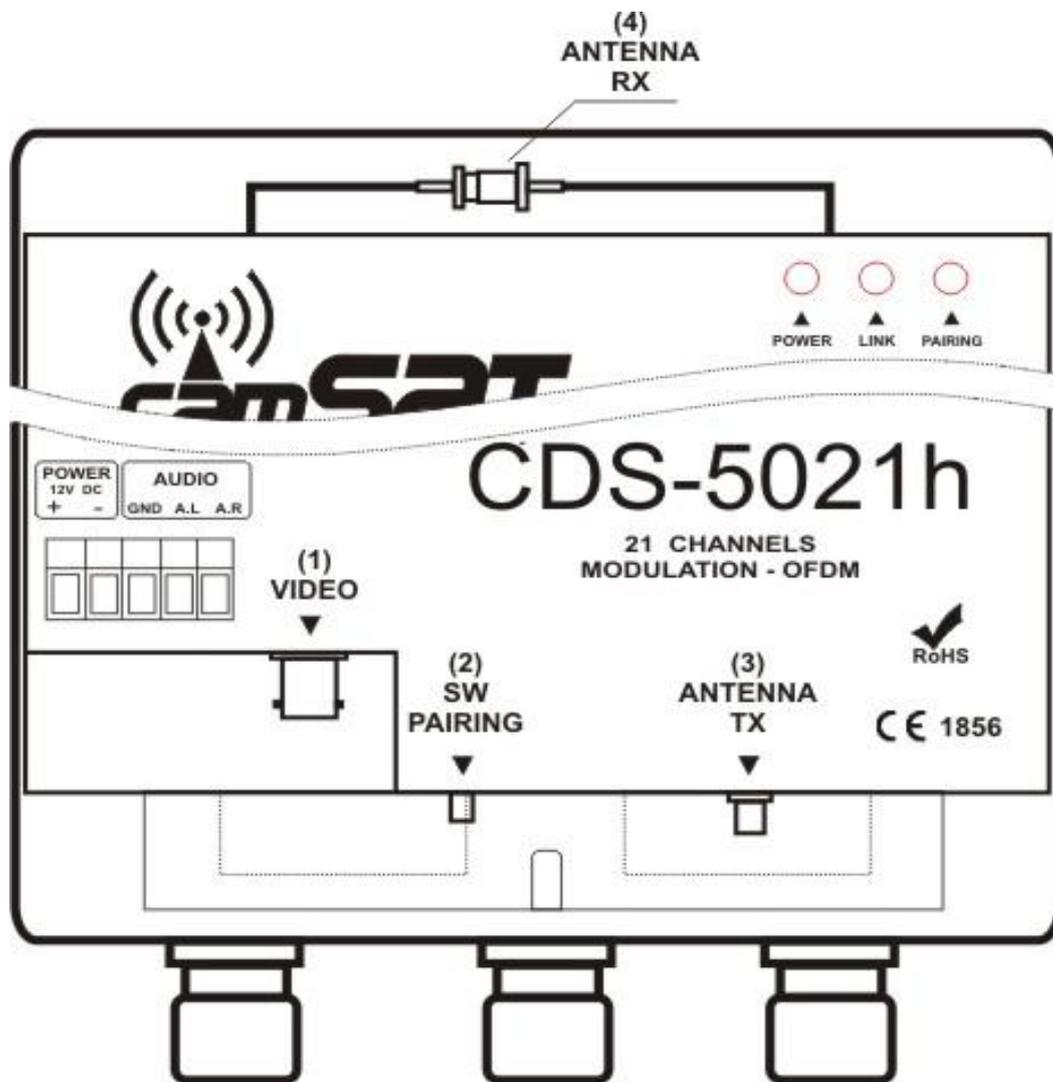
Note: To secure biggest radio range of transmitting antenna has to be „in a line of sight” of receiving antenna. To get bigger range of the surveillance you can connect bigger directional antenna to antenna input (Rx).

Procedure of assigning transmitter to receiver's memory:

Each set is factory programmed. In case of necessity of assigning new transmitter proceed as written below:

- Connect receiver (Rx) and transmitter (Tx) to power supply
- Wait 20 sec. until diode LINK will pulse.
- Press button PAIRING on transmitter (Tx) and receiver (Rx) and release after 2 sec. (Note: press button PAIRING when diode LINK on transmitter starts pulsing)
- After releasing button PAIRING diode PAIRING on receiver (Rx) will flash for 1 sec.
- Wait 10 sec. until receiver programmes transmitter's address
- When diode LINK flashes constantly – connection between transmitter and receiver is correct

There is a possibility of assigning more than one transmitter to a receiver, but the motion is sent only to the connected one (diode LINK flashes). When you loose the range from connected receiver or you turn it off, transmitter searches next available receiver and connects to it.



1. Video in/out
2. Button PAIRING (programming)
3. Transmitting antenna SMA connector -Tx
4. Receiving antenna SMA connector - Rx

Manufacturer:
CAMSAT Galak Przemysław
Ul. Ogrodowa 2a
86-050 Solec Kujawski
Offer and information: www.camsat.com
Service: serwis@camsat.com.pl





DEKLARACJA ZGODNOŚCI

DECLARATION OF CONFORMITY

Niżej podpisany, reprezentujący firmę:

The undersigned, representing the manufacturer:

CAMSAT Przemysław Gralak
ul. Ogrodowa 2a 86-050 Solec Kujawski
Polska

niniejszym deklaruje z pełną odpowiedzialnością, że urządzenie:

herewith declares under our sole responsibility that the product:

Nazwa urządzenia: **Cyfrowy, bezprzewodowy zestaw transmisji audio / video na pasmo 5,2GHz**

Product name: **5.2 GHz Wireless digital Audio and Video Transmission System (OFDM Wimax)**

Typ: **CDS-5021h**

Model:

jest dopuszczone do pracy na terenie EU i jest zgodne z zasadniczymi wymaganiami oraz innymi stosownymi postanowieniami dyrektywy 1999/5/WE :

is allowed to work in EU and it is in conformity with the provisions of the following 1999/5/EC directives:

Wymagania zasadnicze: - artykuł dyrektywy 1999/5/WE <i>Essentials requirements</i> - article of Directive 1999/5/EC	Zastosowane normy <i>Applied Standards</i>	Ocena <i>Result</i>
Kompatybilność Elektromagnetyczna – art.3.1b <i>Electromagnetic compatibility (EMC)</i>	EN 301 489-1 V1.8.1 (2008-04) EN 301 489-17 V1.3.2 (2008-04)	Zgodność <i>Conformity</i>
Efektywne wykorzystanie Zasobów częstotliwości – art.3.2 <i>Radio Requirement</i>	EN 301 893 V1.4.1 (2007-07)	Zgodność <i>Conformity</i>
Wymagania bezpieczeństwa - art.3.1a <i>Safety</i>	EN 60065:2002+A1:2006	Zgodność <i>Conformity</i>

Zakres przestrajania częstotliwości nadajnika i odbiornika:

5150 MHz – 5250 MHz

Jednostka notyfikowana biorąca udział w ocenie zgodności:

TÜV Rheinland EPS B.V.

P.O. Box 15

9822 ZG Niekerk (NL)

Smidshornerweg 18

9822 TL Niekerk (NL)

Numer jednostki notyfikowanej: 1856

Notified Body number: 1856



Osoba odpowiedzialna: **Przemysław Gralak**

Name of responsible person

Stanowisko

właściciel/owner

Position:

Miejscowość i data:

Solec Kujawski 23.08.2010r

Podpis/Signature

General terms and conditions of a warranty

Camsat company gives a warranty of 24 months for transmission sets of the following series:

TCO 5807, CAM 5816, CDS 5021, CD04, CD06, CDS-5IP

1. In case of detecting incorrect work of a device, before giving the device to the service, it is necessary to make sure that everything was done in accordance with the instruction manual.
2. In case of giving or sending the faulty device to be repaired, it is indispensable to enclose a detailed description in the written form including faulty action of the device with taking into consideration work environment and the way in which they can be seen.
3. One can use the warranty if he shows the proof of purchase (a receipt) with the claimed device including the purchase date and a description of the damage.
4. The warranty repair includes only damages resulting from causes included in the sold device.
5. The warranty repair will be made in the shortest time possible not exceeding 14 days counting from the date of accepting the device to be repaired in the service. In case of a necessity to import parts, the repair date can be exceeded. After making the repair, the warranty period is exceeded by the time of repair.
6. The guarantor is not responsible for losing configuration settings of the device resulting from the repair of the device or its damage.
7. The guarantor can refuse making the warranty repair or completely renounce from the warranty in case of stating that seals on the devices or subsystems included in it are broken.
8. All remarks concerning the service and resulting from the warranty are made only in the service of the Camsat company.