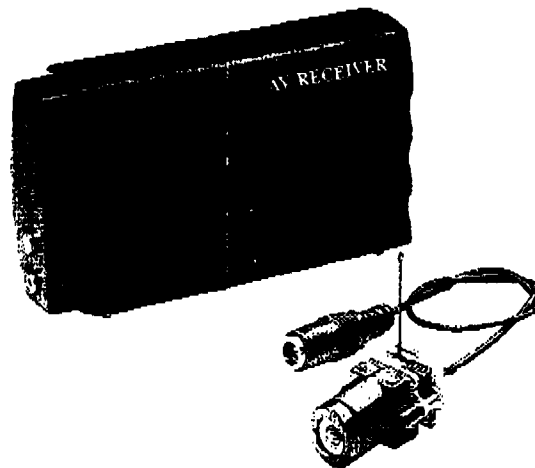


ALM-2451G

2.4 Ghz Wireless Mini. Color Camera Kits

Include: 1pc Mini. color CMOS camera transmitter,
1pc Receiver, 2pcs Adapter, 1pc A/V cable, 1pc battery case



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Notice : The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This statement will be placed in User's Manual:

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.
2. This device must accept any interference received, including interference that may cause undesired operation.

TROUBLE SHOTTING:

- 1) Poor picture: — Realign antennas, slightly adjust the position of the mini. camera transmitter or the receiver, Reducing or increasing the distance between the mini camera transmitter and receiver.
- 2) Line only-no picture: — Check to confirm there is no microwave oven or other 2.4 GHz equipment operating close by.
- 3) Picture ghosting: — Check for interference caused by obstacles such as trees, buildings and shrubs....etc. Select new mini camera transmitter and /or receiver site.
- 4) No picture: — Check the receiver to confirm it is turned "ON" and make sure the A/V connection of the RX is not plugged the wrong way around.

2.4 GHz Mini. Color Camera Transmitter:

One channel:	2.4 GHz Frequency band
RF output power:	EC R&TTE Compliant
Transmitting range:	300 M (In I -O-S)
Operating power:	DC4.8-7.2V, regulated
Power consumption:	80mA
Size: Pinhole lens:	15x24x20 mm
Antenna:	Omni-directional antenna
Weight:	15 grams

Mini. Color Camera:

- 1) Pixels: 365K (PAL), 250K (NTSC)
- 2) Auto Electronic Exposure: 1/60 - 1/15000 sec.
- 3) Automatic Exposure/Gain/White balance.
- 4) Mini. Illumination: <3 Lux@ F1.2
- 5) S/N Ratio: >48 dB
- 6) Board lens: f=3.6mm/View angle : 92 degrees

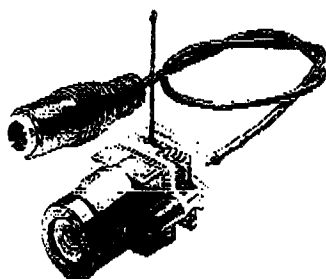


Receiver:

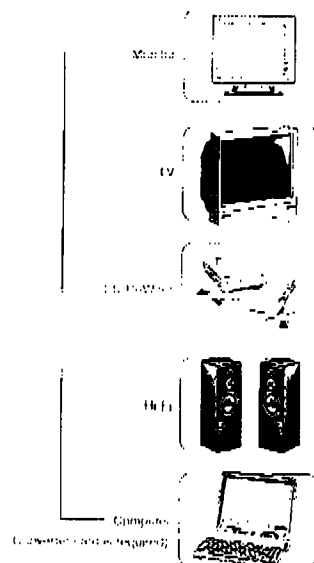
One channel:	2.4 GHz Frequency band
Video input/output:	1Vp-p/75 ohm
Audio input/output:	0.8V/600 ohm
Antenna:	60 degree directional antenna
Audio bandwidth:	50 - 17000 Hz
Operating power:	DC12V, regulated
Power consumption:	180mA
Size:	150x88x40mm

Applications:

- 1) Scout equipments.
- 2) Military equipments.
- 3) Security products.
- 4) Police Equipments.
- 5) AVV Entertainment.
- 6) Games, Toys devices
- 7) Remote Control Airplane, Cars, Robots, etc



- Direct the antenna of the receiver towards the antenna of the transmitter. The integrated antenna inside the case of the receiver is located at the opposite end of the connectors.



NOTE: Best results are achieved where there is clear "line of sight" between the mini camera transmitter and the receiver. Try to avoid obstacles such as trees, walls, cars, trucks and buildings. Transmitting over water and in the rain will reduce performance. Interference from certain electronic equipment or the moving human body can also effect the range obtainable.

For best reception, position the antennas of the transmitter and receiver 4.5 to 6 feet (1.5 to 2m) above the ground. Please test all devices before final installation because the transmission quality can often be improved by moving the components slightly.

Turn off the transmitter and receiver if the system is not in use. Do not touch the antennas when the system is switched on. Do not place the receiver behind a monitor.

Installation:

- 1) The Mini camera TX features omni-directional antenna which is most effective when used in the UPRIGHT position.
- 2) Connect both the mini camera transmitter and the receiver to their respective power supplies.
- 3) Connect the receiver to the equipment you wish to transmit to [monitor, TV, VCR, ...etc.]
- 4) After connecting both the mini camera TX and the RX to their respective power supplies, obtain the best picture by adjusting the position of the mini camera TX and the receiver unit to suit. Try slightly different locations of either unit for optimum results.

Important:

- 1) Use the attached power supply only.
- 2) Don't place above or near a heat source which may cause the equipment to overheat.
- 3) Avoid 'Oily' locations.
- 4) Microwave ovens can cause interference and diminish the quality of the signal if the mini camera TX or receiver is located close by.
- 5) Beware of humid locations. Water droplets or spray may damage the units. If condensation does occur, do not use until the equipment has dried out.
- 6) Do not use in temperatures exceeding 55 degC.
- 7) Never paint or attach metallic labels and sticker of any kind
- 8) Do not use two transmitters and receiver operating at the same time in the same area. This will result in picture and sound interference
- 9) Don't cut the DC power cable of the mini camera transmitter to fit with other power source. This may result in damage to the mini cameratransmitter & will void your warranty.