

VT-6106 User Manual

Monitor Specifications

- Power Supply: DC12V
- Power Dissipation: $\leq 15W$
- Video input : Composite Video, 1 V(p-p) 75 Ohms
- Video System: NTSC
- Take-over Range: $\leq 50M$
- Screen size: 2.5 (diagonal) inch
- display format: 480 \times 234 dot
- Take-over frequency: 2414MHz
- Operating Temperature: -15 $^{\circ}C$ - +40 $^{\circ}C$
- Storage temperature: -20 $^{\circ}C$ - +65 $^{\circ}C$
- Size : 100*73*23MM
- Relative humidity: $\leq 90\%$.
- atmospheric pressure: 80 – 106 Kpa

Installation instructions

Boat, Snowmobile, Quad 4*4,Camper,Utility & Horse Trailers, Semi & Deliver Trucks, Bus & Shuttle Vehicles, Construction & Farm Equipment

1. Plug the monitor into your dashboard
2. Place camera on any metal surface for magnetic mounting
3. Watch ball and hitch as you back the vehicle to the trailer



1



2



3

Back ball to hitch every time!

Wireless camera mounts (magnetically) to vehicle or trailer. Watch ball and hitch as you back up. No assistance needed. No stopping to check. Perfect alignment every time!

Back into tight areas with confidence

Place camera on back of trailer to watch when backing into a garage or between other trailers.

See small or empty trailers

Camera also lets you see small or empty trailers that are otherwise out of sight.

No wiring necessary! Camera is ready to use!

Camera is ready to use right out of the package.

No wiring necessary. Plug the monitor into vehicle power port, affix the camera and you are ready to go

FCC Caution:

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

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.

IMPORTANT NOTE:

FCC Radiation Exposure Statement:

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

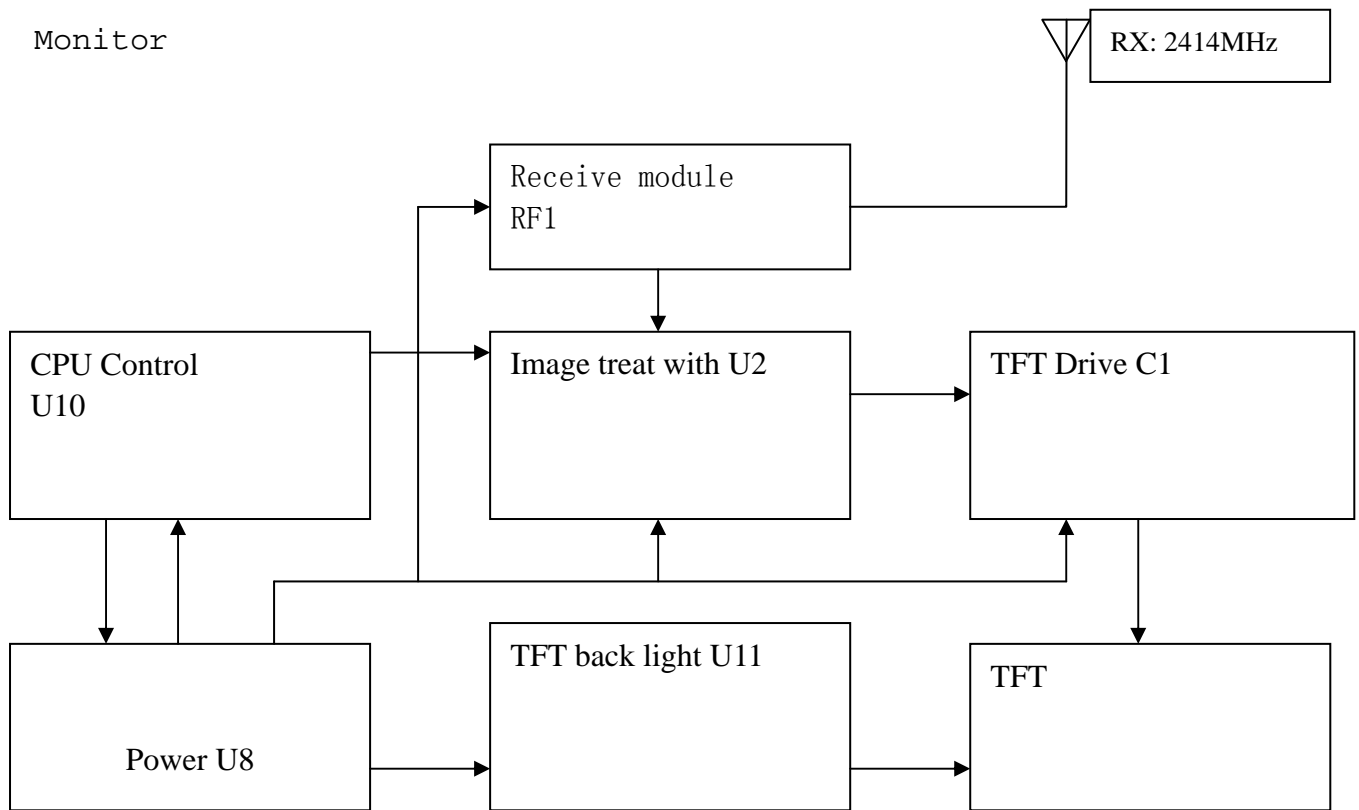
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Note: 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.

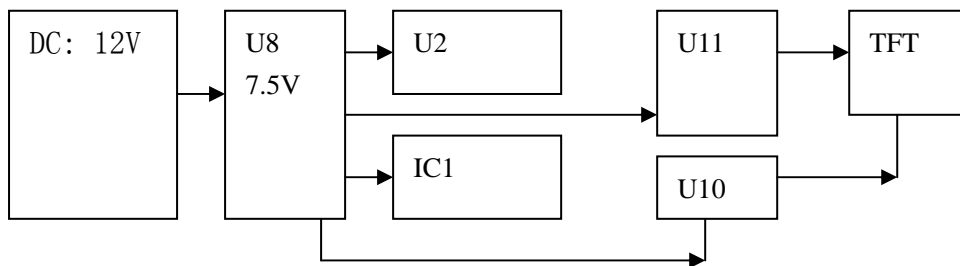
Monitor Working Principle

Monitor



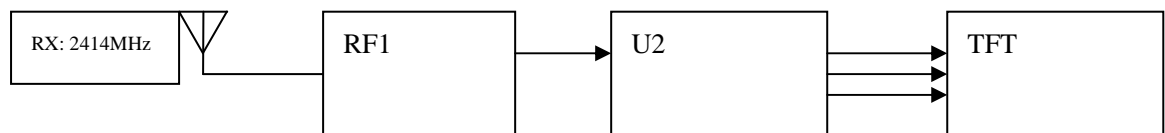
① Power circuit

Supply voltage from the DC: 12V step-down to 7.5V



② Image processing circuit

Antenna 2414MHz to receive module RF1 from the video signal sent to the image processing circuit and, after the signal into the TFT.



③ Drive control circuit

TFT and image processing to provide the necessary timing.

