

#### DAKOTA MICRO, INC. LIMITED WARRANTY

Subject to the disclaimer, limitations and other directions stated hereafter, Dakota Micro, Inc. warrants that the Product will be free from defects in material and workmanship for periods as stated hereafter from the date of original purchase. THIS WARRANTY IS EXPRESSLY MADE IN LIEU OF ANY AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS. THE EXCLUSIVE REMEDY OF THE BUYER IS LIMITED TO REPAIR OR REPLACEMENT OF THE PRODUCT. EXCEPT AS STATED IN THIS WARRANTY, DAKOTA MICRO, INC. SHALL NOT BE LIABLE FOR ANY LOSS, INCONVENIENCE, OR DAMAGE, INCLUDING DIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, RESULTING FROM THE USE OR INABILITY TO USE THE PRODUCT, WHETHER RESULTING FROM BREACH OF WARRANTY, NEGLIGENCE, STRICT LIABILITY OR ANY OTHER LEGAL THEORY. Any oral statements or representations made by anyone which are contrary to or at variance with the terms stated in this LIMITED WARRANTY are void.

Dakota Micro, Inc. (Hereinafter referred to as "DM") will, at its option, either repair the defect or replace the defective Product or part thereof with a new or remanufactured equivalent at no charge to the purchaser for parts or labor for the period of three (3) years for AgCam/EnduraCam cameras, two (2) years for AgCam/EnduraCam monitors, quads and wireless, twelve Months (12) for all RazerCam and OverView cameras & monitors as well as all other cables and accessories.

The DM limited warranty periods outlined above apply throughout the United States and Canada only. A one (1) year maximum limited warranty for all Products applies to all other geographic locations unless otherwise stated in writing by DM.

This limited warranty does not apply to any issues connected with appearance that have no relation to the performance of the Product nor to any Product the exterior of which has been damaged or defaced, which has been subjected to improper voltage or other misuse, abnormal service or handling, or which has been altered or modified in design or construction.

In order to enforce the rights under this limited warranty, the purchaser should follow the process set forth on our website - [www.dakotamicro.com](http://www.dakotamicro.com), and provide proof of purchase to DM.

Neither the sales personnel of DM nor any dealer or any other person is authorized to make any warranties other than those described herein, or to extend the duration of any warranties beyond the time periods described herein.

The warranties described herein shall be the sole and exclusive warranties and remedies provided by DM. Correction of defects, in the manner and for the period of time described herein, shall constitute complete fulfillment of all liabilities and responsibilities of DM to the purchaser with respect to the Product, and shall constitute full satisfaction of all claims. In no event shall DM be liable or in any way responsible for any damages or defects in the Product which were caused by repairs or attempted repairs performed by anyone other than DM.

Some states do not allow the limitation or exclusion of incidental or consequential damages, so said limitation may not apply to you. Any action at law, suit in equity, or other judicial proceeding for the enforcement of any right provided for herein or otherwise, or with respect to any claim that a purchaser may have against DM shall be instituted only in the Courts of the State of North Dakota, either in the state district court located in Wahpeton, North Dakota or in Federal District Court location in Fargo, North Dakota. Without regard to conflicts of law principles, the laws of the state of North Dakota shall govern the interpretation and enforcement of the terms of this Limited Warranty and all aspects of the relationship between DM and the purchaser.

This warranty gives you specific legal rights and you may also have other rights, which may vary from state to state.

## RazerCam CVBS Wide Angle Panel Mount Camera



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## Camera Installation

- The opening size for camera mounting should be 1.38in (35.1mm). The perfect hole saw bit size is 1 3/8 or 35mm. While not perfect, a 1 7/16 or 37mm will work.
- Make sure that your camera is mounted so that the words "RazerCam" are right side up with the arrow pointing UP.
- There are small holes on the rear of the mounting nut, with set screws. Hand tighten the mounting nut and use the supplied allen wrench to tighten set screws.
- Near the 5-pin connector on your camera is a small loop of green wire. This wire is your mirroring switch. When the circuit is complete (intact) your camera image is forward facing. When this circuit is incomplete (cut) your camera is reversed, making it a mirror image. If requiring a mirrored camera, it is recommended to place shrink wrap or black tape over the exposed wire ends to prevent shorts. If utilizing a Dakota Micro Monitor your camera can also be mirrored from the monitor. Your camera will need to be rebooted (powered on/off) for this switch to take effect.
- Your RazerCam camera has an IR array that outputs visible white light. If you mount this camera close to another light source, your viewing in darkened environments will be increased.

## Camera Warnings

NEVER RELY ON YOUR DAKOTA MICRO CAMERA AS A SAFETY FEATURE. It is up to your discretion to keep your road travel and other operations safe. Your Dakota Micro camera will provide you with information only based on what it sees. Operation of machinery safety guidelines still apply.

Dakota Micro, Inc. cameras are equipped with an array of light emitters which are visible to the human eye. This feature will aid in low light conditions but has limitations. The effective range of the night vision feature is 1 to 75+ feet.

**DO NOT ATTEMPT TO DRIVE MACHINERY USING THIS FEATURE.**

## Camera Specifications

Video System (Part Number)	NTSC (DMRZ-LC) PAL (DMRZ-LCP)
Video Type	CVBS
Image Pick-up Device	Panasonic CMOS 1/4in wide view
Horizontal Resolution	480P
Minimum Illumination	0.01 LUX @ F1.2
Image Ratio	16:9
Auto Gain Control	Automatic based on lighting
Scanning System	Progressive
Camera Board Lens	170 degree field of view
Operating Temperature	-45°F~-150°F (-42°C~66°C)
Construction	Aluminum Case
Waterproofing Criteria	IP 69K
Dimensions	1.76in (W) x 1.09in (D)
Camera Connector	5 pin Conxall/Switchcraft
IR Lighting	Visible White Light

