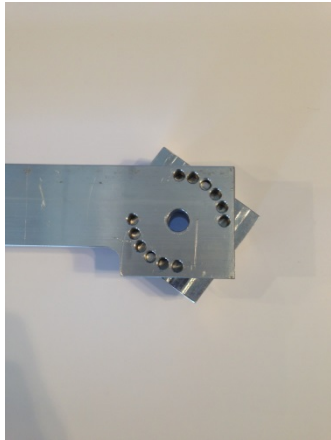


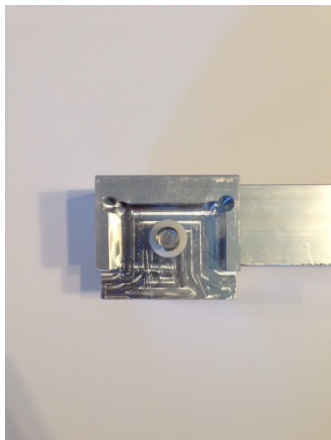
## Setup and Use of Camera system with DVCC

To assemble the Encoder into the Casing Clamp Stand.

1. Lay the Casing Clamp on a flat surface
2. Place the holding block in the position you need it



3. Then put the encoder into the slot and then add the wingnut and tighten



This then clamps onto the Well Casing to hold the pulley over the well.

The top pulley of the encoder is spring loaded so you will slide the wheel up and place your cable in between the 2 pulleys to use.

You will connect the plug from the encoder to the **Encoder** jack on the control box of the reel.

Connect the patchcord to the **Camera/Well-Vu** port on the DVCC control box and then to the **Power** jack on the box on the side of the Camera reel.

For Motorized Systems you will connect to the **Video Out** Jack on the front panel of the Control Box.

For the 7" DVCC you need to connect the alligator clips to the 12v battery in the case.

For the 15" DVCC, you will need to insert the plug for the power cable into the port on the side of the DVCC, then connect the Alligator clips to a 12volt battery.

### **Manual System Controls**

You can control the intensity of the LED lights with the rheostat that is on the top of the control box.

The lights on the Fisheye Camera you will notice don't all light up when the rheostat is in a very low position but this is normal.

To adjust the on-screen display features do the following,

- Press the red On/Off button once to remove "NO GPS" from the screen.
- Press the button again to remove the footage from the screen.
- Press the red Meters/Feet button to change the depth display from feet to meters.
- Press and hold both red buttons for 3 seconds to reset the footage display to zero.

### **Motorized Camera Controls**

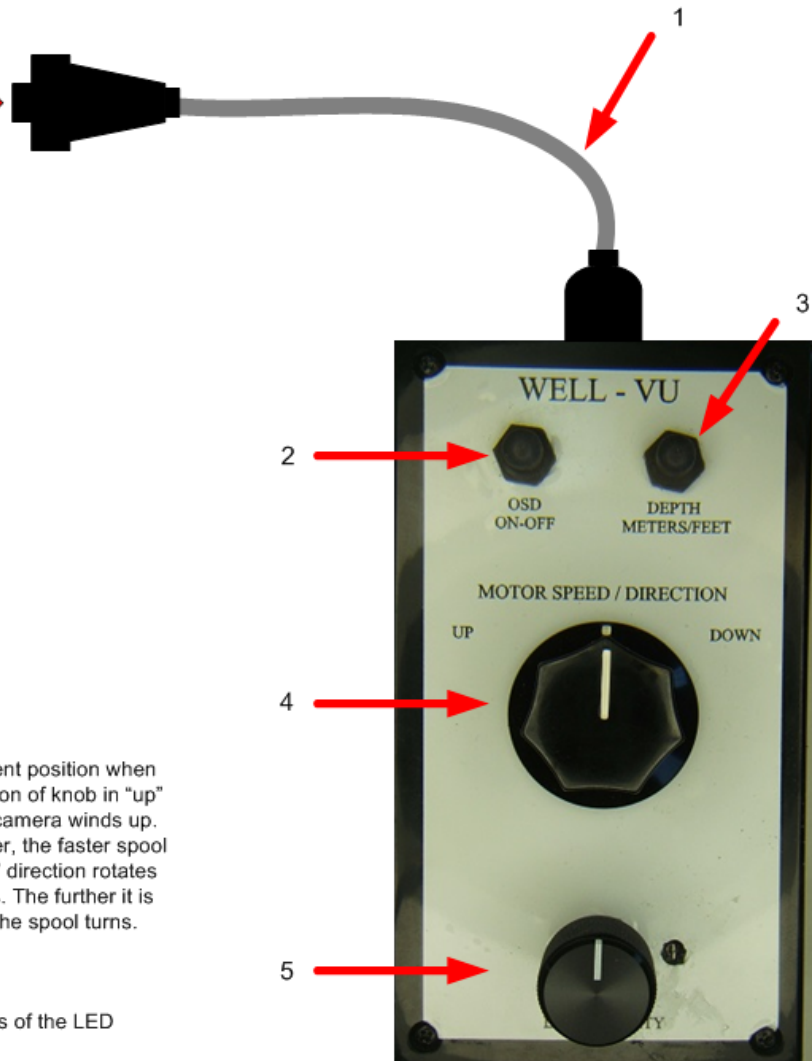
## Connecting The Remote Pendant

The remote pendant is only available on a motorized Well-Vu System. The pendant must be connected for the system to operate, and allows operation up to 25' away from the motorized cable reel.

### WARNING!

Before flipping system power to "ON", you must ensure remote pendant control knob "MOTOR SPEED / DIRECTION", is positioned at it's midpoint detent!

Vision Systems Unlimited accepts no responsibility for personal injury, or property damage as a result of cable reel rotation upon start-up.



1. Pendant Cable 25' long

2. OSD ON-OFF

Toggles monitor on-screen display information "on" or "off"

3. DEPTH METERS/FEET

Toggles monitor on-screen display of depth from meters to feet.

4. MOTOR SPEED / DIRECTION

This knob must be at center detent position when system is powered to "on". Rotation of knob in "up" direction rotates cable spool so camera winds up. The further it is rotated from center, the faster spool turns. Rotation of knob in "down" direction rotates cable spool so camera unspools. The further it is rotated from center the faster the spool turns.

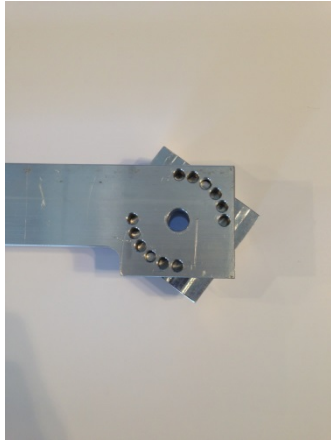
5. LED INTENSITY

This knob controls the brightness of the LED light on the camera

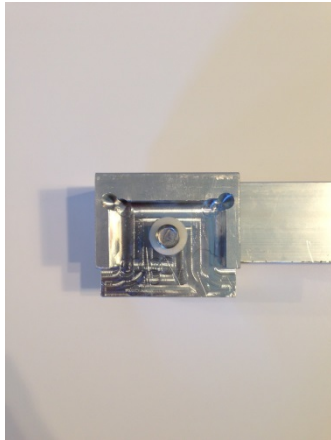
## Setup of the SDM series of Well-Vu Cameras

To assemble the Encoder into the Casing Clamp Stand.

1. Lay the Casing Clamp on a flat surface
2. Place the holding block in the position you need it



3. Then put the encoder into the slot and then add the wingnut and tighten



This then clamps onto the Well Casing to hold the pulley over the well.

You will connect the plug from the encoder to the **Encoder** jack on the control box of the reel.

You then connect the **Blue Connector** on the Y-Cable to the **Power Jack** on the Control Box. The **White connector** goes to the 7" LCD Monitor. And lastly you connect the **Green Connector** to the **Color Patchcord**.



You can control the intensity of the LED lights with the rheostat that is on the top of the control box.

To adjust the on-screen display features do the following,

- Press the red On/Off button once to remove "NO GPS" from the screen.
- Press the button again to remove the footage from the screen.
- Press the red Meters/Feet button to change the depth display from feet to meters.
- Press and hold both red buttons for 3 seconds to reset the footage display to zero.



## Well-Vu Warranty

**Vision Systems warrants that all Well Vu camera systems will be free from parts and workmanship defects for a minimum of 24 months when used in accordance to the owner's manual. Customer abuse (dropped camera heads, broken lens or units falling off trucks) is not covered here. The determination of abuse will be at the sole discretion of the factory.**

The camera cable is rated at 150 lbs. However, this is not an armored cable so be careful not to pinch or kink the cable. Cuts in the outer jacket of the cable may allow water to enter and cause premature failure of the camera. Cut camera cables or severed cameras are not covered.

Failures due to abuse, misuse, or unauthorized alteration, modification or repair are not covered.

Do not remove LED/lens cover or clamps from the camera or dis-assemble in any way or manner. These above listed procedures will void your warranty.

Vision Systems will repair or replace any defect in material or workmanship for a period of 30 months from the date of purchase..

Vision Systems Unlimited is not responsible for the improper use of any of its products, nor be liable for direct, indirect, incidental or consequential damages, including but not limited to loss of use, revenue or profit.

Vision Systems will not assume any liability for any alterations or modifications to products supplied by Vision Systems, nor for uses other than which these products were intended. All warranties expressed or implied will become null and void.

During the first 30 of ownership, Vision Systems Unlimited will repair or replace, at no cost to the owner, any and all factory defects, at our authorized factory service center located at the above address. Owner will be responsible for freight to and from the service center for any and all repairs or warranties.