



If you have any problems please contact
our office at

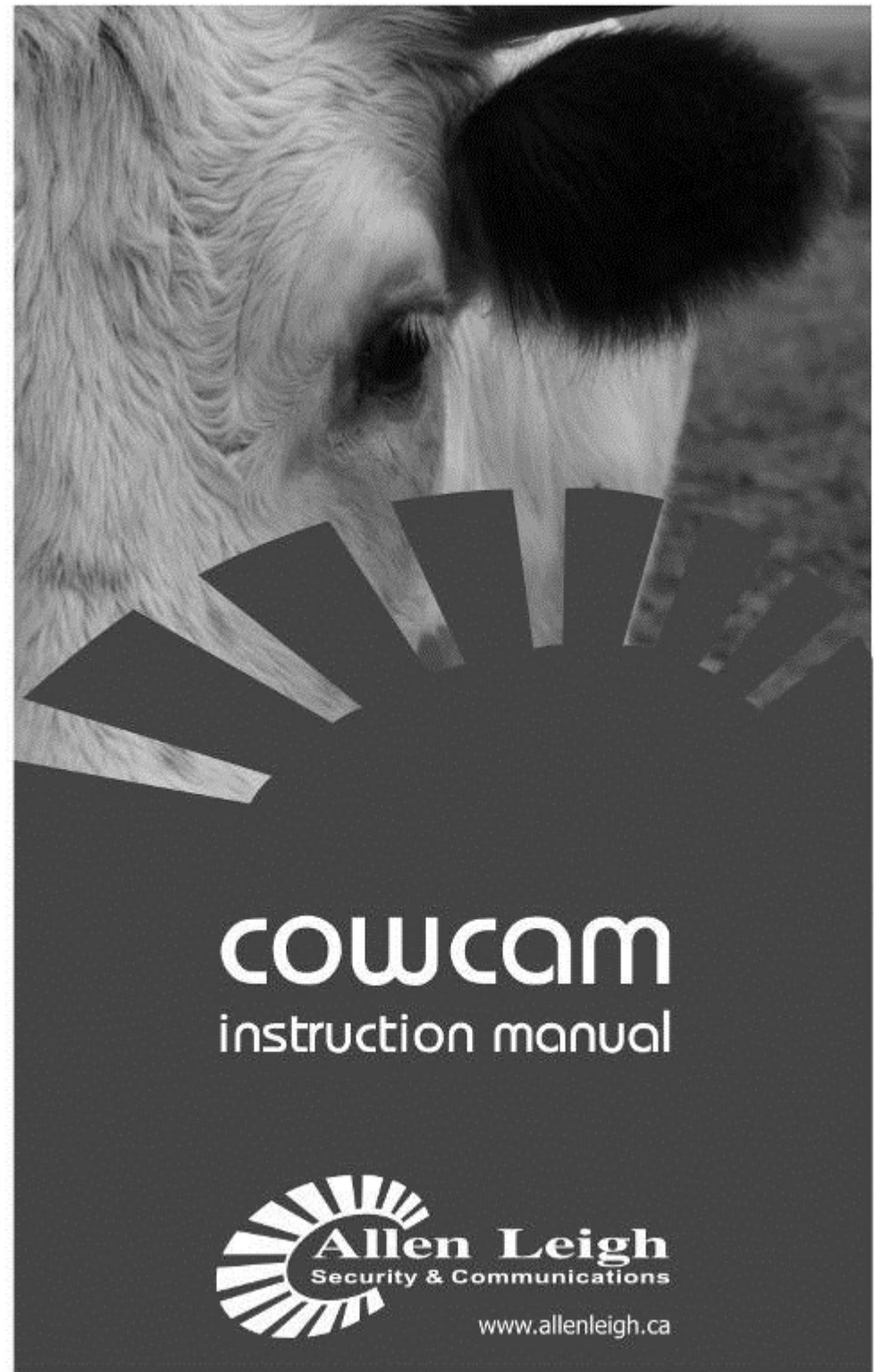
204-728-8878
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Thank You! And Enjoy!

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Thank you for purchasing your 5.8ghz Livestock Monitoring System from us. You will get many years of use from your new wireless video system, it comes with a one year warranty on parts and labor, and we guarantee it to work when installed according to our assessment.

Make your analog system smart phone compatible!!

Watch from the comforts of home or take your work with you and monitor your system from your smart phone.

With the DVR Kit you can have it all.

This kits includes receiver, IP support and DVR

- ◆ \$550 for 2.4ghz system
- ◆ \$600 for 5.8ghz system



If you ordered the basic Livestock Monitoring System, you should have received the following with your system:

- (1) Transmitting Box
- (1) Color Camera with stand and LED lights
- (1) 30ft of camera cable
- (1) Receiver (little black box with antenna) with a power supply
- (1) RCA cable (red , yellow, white ends)
- (1) Instruction manual
- **optional remote control to switch channels on receiver to view other cameras

The system consists of two physical parts, a transmitting point, and a receiving point. *****You will want to assemble the system in your house first before you install it permanently on your barn or shed, this is to ensure that you have your TV or VCR setup properly, and you understand the proper connections. *****



****Please note for every camera you have it will need its own receiver. i.e 4 cameras you will need 4 receivers**

Trees shrubs and hay bales do not seem to hinder the picture quality too much during the winter, trees do effect the signal once the leaves come out. You may find that you may have to adjust the antenna or the receiver unit by lifting it up for better reception.

If you purchased the optional directional High Gain Antenna to get better distance, you will want to use the same guide lines as above. You will need to remove the rubber tube antenna and replace it with the coax from the High Gain Antenna. Please be aware that the base of the 6DB antenna is Magnetic so DO NOT mount it on top of or next to the TV or Tapes, as it will cause discoloration and possible damage to the TV and tapes. Make sure that the antenna is pointing towards the transmitter or receiver (if it is on the receiver then point it to the transmitter and visa versa).

If you have buildings or machinery in the way, it will possibly lower your picture quality, it also depends on what the buildings are made of, metal or large machinery block the signal. It is best not to have anything in the way of the signal path, we understand that you cannot move buildings so try to position the transmitter higher up above the roofline or higher than the objects in the way.

If you are placing the receiver in front of a window and you are not getting a good picture it could be due to the high energy efficiency of the window. New windows contain Argon gas or a coating that seems to block the signal, just move the receiver over from the window and you will more than likely get a signal.

Metal siding will not allow a strong signal into the home if the receiver is placed behind it, so you will want to try to place the receiver near a window location. You may have to reposition the antenna angle on the receiver in order to find the best signal with the basic models you may find that you have to move the receiver up or down, trial and error will get you the best signal.

On the end where the camera will be located (the barn) is also where the transmitter box will be mounted (on the outside of the building facing the wall where the receiver will be located) The transmitter and camera will be connected together with the camera cable. The receiver will be located at the viewing location (your house) and connected to your TV with the RCA cables.



In the transmitter box you will find an LED display of numbers these tell you what channel this particular transmitter is on, it can be switched to one of seven frequencies. The switch is 2 small round buttons labeled by up and down arrows. If you push the channel selector up once it will go to channel two, push it again and it will go to channel 3, and so forth. Be sure not to have more then one transmitter set on the same channel, i.e. channel one (you won't damage anything but the video picture at the house will look very scrambled).

There is no on/off switch for the transmitter or camera; the only way to turn it off is to unplug the unit. We strongly recommend that you unplug the unit after your calving season is complete, during thunderstorms and extremely high winds due to power lines clashing. You will know that the unit is on when the channel indicator is lit inside the transmitter box.

There is a mounting hardware that is sent with the unit so you can mount it to a post or pole outside, or you can use the holes to drill it to an outside wall. Install it so it fits tightly to the whatever you mount it to. Drill a hole large enough for the Switch-Craft connector to go through to the barn wall or wherever you mount your camera. Attach the male camera cable end to the female end on the Transmitter box. Be sure to make sure the cable will not be cut by sharp edges from the hole you cut. Also be sure to aim the transmitter so that it is pointing towards where the receiver is located.

If the Audio Modification Box option was purchased, you will have two cable ends, they are setup so that the camera end will fit into one side, and the camera cable into the other side that will go to the transmitter. The audio modification box is designed to be mounted onto the wall it has mounting holes for it. You can mount the audio mod either right before the camera or the transmitter box which ever works best for you. On the inside of the Audio device you will see a small orange pot, this is how you would adjust your audio sensitivity, turning to the right increases sensitivity and to the left decreases



Audio Box

Audio Sensitivity Control the sensi-



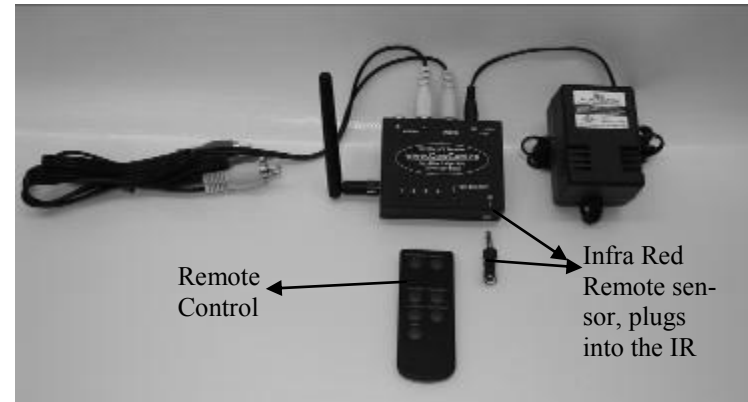
tivity.

Additional Accessories Setup Procedures:

RECIEVER REMOTE CONTROL

If you have purchased the Receiver remote control, you will find in the package :

- (1) Remote control
- (1) Infra Red Sensor (to be plugged into Receiver)



On the remote control there are several buttons which offer you many viewing options. In the top left hand corner of the remote “Channel Switch” is used to switch from one channel to another with the press of the button. The image will stay on that channel until you press the button again.

The button in the top right corner is “Auto Scan” , this button once pressed will scan through ALL 4 channels on the receiver automatically (default is set as 7 second switching) if you only have 3 cameras the 4th one will show up as “a snowy picture” to remove this channel from the auto switching feature press the “Channel Cancel” button when it is on the “Snowy screen” and it will skip that channel from the Auto Scan function. The lights on the receiver will display what channel you are currently on.

To scan through the channels faster or slower, press the appropriate “Scan Faster or Scan Slower” button while on the channel that you want to change, each time you press the button down it makes a change of 1 second that the screen will be visible.

The “4-8 Switch” is not used for this application.

Picture Problems

If you do not get a picture right away, upon your completing your connection you may have to try a few troubleshooting steps.

- unplug and plug the transmitter back in, this does a system reset, and usually rectifies the problem if there is no picture from the system.
- Check that the Transmitter and Receiver are on the same channel (i.e. 1 on transmitter and 1 on the receiver in house)
- Verify that the camera has power by covering the IRs on the camera. They should light up
- Try connecting the camera directly to the transmitter eliminating the cable
- Check to see if the WiFi or Bluetooth is on your cellular device. This sometimes causes interference.
- If you have tried these few steps and have a picture but have some interference try changing the channels on the transmitter and receiver to 2 and so forth

Note: For existing customers that are using the RCA Receivers (purchased prior to 2004) the channels for the new transmitters are in a different order than the RCA receivers, the new transmitter must be set to ch 2 in order for it to come on to ch 1 on the RCA receiver. The following is the rest of the channels placements: New is 3 while RCA is 2, New is 4 and RCA is 3 and New is 1 and RCA is 4.

There are a few things that will interfere with your signal on your Wireless Livestock System one for sure is the microwave oven when it is in use, and we have also experienced problems with any other 2.4 GHz devices like cordless telephones, wireless routers, wireless internet, and some gaming systems.

You may disable the IR LEDs by unscrewing the front of the camera housing once the sun shield is removed, then unplugging the connector with Yellow and Brown wires only, this is the one that is plugged into the top board with the IR LEDs.

At the house is where the receiver belongs, it is the small black box unit with the antenna. This unit does not have a power on / off switch, the power connection is on the back right hand side of the unit, and is fed through the power supply provided. Connect the YELLOW RCA cable to the yellow video connection on the back of the receiver. You only need to connect the audio RCA cables if you purchased the optional Audio modification box.



You can connect the receiver directly to the TV with the set of RCA cables which are provided. You will have to select the proper source or input on the T.V for the camera's video to come up on the screen. It is sometimes called Audio and Video line inputs. The channel selector for your cameras is located on top of the receiver; the red LED numbers indicate which channel you are watching.

****Please note for the basic system it is very important that the receiver be located on the same side of the house as the transmitter is located, (you may try other locations once you have acquired your signal) preferably on the inside of the outside wall so the two units can see one another through only one wall with as little obstructions as possible.**