



TRUSTED SERVICE

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SPRING 2024 CATALOGUE

LIVESTOCK CAMERAS

FARMYARD SECURITY



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Precision Cam specializes in wireless livestock monitoring systems, wireless driveway alarms, wireless farmyard surveillance systems, and implement camera systems. We are focused on providing specialized high-quality products and outstanding customer service for the agricultural community.

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MAKING YOUR FARMING EASIER, SAFER & MORE PROFITABLE!

We don't just sell products – we provide solutions!



HAVE QUESTIONS?

Contact us today at **204-728-8878**, toll free **1-866-289-8164**
or via email at **info@allenleigh.ca**

Prices are subject to change and are in Canadian dollars.

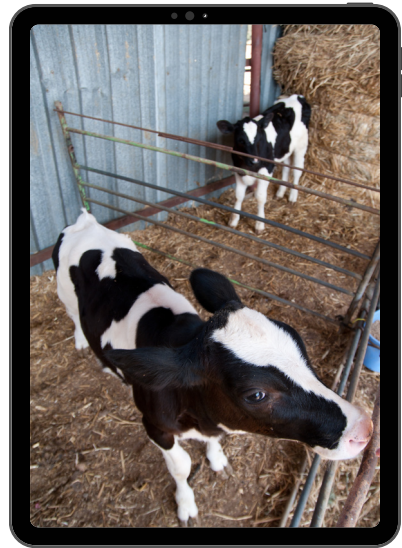
WHY USE LIVESTOCK CAMS?

Owning a Cow Cam system will be one of your best livestock equipment investments – guaranteed!

Precision Cam wireless long-range livestock camera systems allow you to monitor your animals from the comfort of your home, office, TV, computer or smartphone.

Imagine only making trips to the barn when necessary! No more waking up and having to face the winter cold and not being able to get back to sleep. Livestock camera systems can also reduce stress for the animals by reducing the disturbance of regular visits.

While you get more sleep, a livestock monitoring system helps you manage your livestock more efficiently and save more calves, foals, and lambs. With a livestock camera system, you will be able to see what is really happening, as it happens, spotting problems early and observing your animal's behaviour any time, day or night.



Our systems are designed for cold Canadian winters! They provide years of worry-free operation and are easy to install. Every system comes with an easy-to-read-and-follow manual and every package we sell includes phone support. We are always just a phone call away in case you have any questions!

WHICH LIVESTOCK MONITORING SYSTEM BEST SUITS YOUR NEEDS?

WHAT IS THE DISTANCE BETWEEN YOUR HOUSE AND THE BARN/CORRALS?

Up to 4km (2.5 miles): Standard wireless IP system within a line of sight. Range will be less if there are obstacles such as trees, obstructions or dense bush. Additional bridges can be added to go around buildings and other obstacles.

WHAT IS THE SIZE OF YOUR BARN/CORRALS?

Up to 12m (20' to 40'): Stationary varifocal or fixed-lens IP cameras.

Under 30m (100'): 16X PTZ IP camera (daytime view over 400m (¼ mile)).

30 to 100m (100' to 300'): 25X PTZ IP camera (daytime view over 1.6km (1 mile)).

HOW WOULD YOU LIKE TO VIEW YOUR CAMERAS?

Neither an internet connection nor WiFi in your yard are required to operate a system when viewing at home on your TV, computer or smart device. However, an internet connection with a minimum upload speed of 1Mbps is required if you would like to monitor your cattle while away from home. This will allow you to view and control the cameras from anywhere, using your smartphone or tablet.

IP FARMYARD SECURITY SYSTEMS

Crime is becoming more frequent in rural Canada. The biggest and most obvious benefit of installing security cameras is crime prevention. However, if a crime does occur the cameras are there to provide evidence. You'll be able to see any individuals who may be stealing fuel, grain from your bins or tools from your shop. With cameras in place, you will be able to monitor the most important areas of your yard and you'll enjoy a feeling of security, which is priceless.

WHAT YOU NEED TO KNOW ABOUT FARMYARD SECURITY SYSTEMS

Every farmyard is different in size, layout and security requirements. Precision Cam can help you custom-design a suitable system for your needs and budget. The following guide is designed to help you understand the key points you need to consider in order to choose the right system.

Every camera system needs a Network Video Recorder (NVR).

We offer a wide variety of Precision Cam NVRs to meet all your needs. These NVRs come with or without a hard drive (used for recording at a typical size of 1TB, although larger sizes are available), PoE ports and alarm inputs (16CH model). They can support four, eight or 16 cameras.

You will need a camera to cover each area you want to monitor/record.

Strategically placed security cameras monitor and record activity in your farmyard. To determine the type of cameras and lens sizes you require, we need to know the distance from each camera to the area it will monitor. Not all cameras are created equally and we want to provide you with a camera that offers you the best possible images.

Mounting position and distance from what you want to monitor is important. These choices allow us to narrow down the number of camera options for you. You can then choose a camera based on the required nighttime IR range. The motorized zoom allows you to change the camera's lens without opening the camera case, which makes it super simple for a do-it-yourself install.

Your system can be wireless or wired.

Wired systems require running a cord up to 100m (300') from your NVR location to a camera (Depending on whether you want fixed or PTZ cameras, additional PoE injectors may be required alongside the PoE ports on the NVR) while wireless systems can be set up as far as 4km (2.5 miles) from the house within a clear line of sight. Only one WiFi bridge (the access point) needs to be located outside of your house to run up to four cameras. More bridges can be added to the house for additional cameras. The bridge should be close to the top of the house and in the line of sight to the bridges at the camera locations.

Network Video Recorder (NVR) connects to the internet router.

When the system is online, you can set up notifications for motion detection on your phone. With a 16CH NVR, additional equipment is available to trigger individual cameras to start recording when a vehicle or person is detected. An email alert can be sent to your phone when the device is triggered. Precision Cam sells Dakota Alert products that can transmit these signals up to 762m (4,000ft) away within a line of sight with the receiver at your house.

WiFi bridges at the cameras.

Each WiFi bridge can support up to two cameras without additional hardware. If more are required for a single location, you can add a PoE switch in an outdoor-rated power box, which will allow you to run up to four cameras, depending on your needs. A camera can be located up to 100m (300') away from the bridge/power box (power is required within 10m (30') for PTZ cameras).

View and fully control your cameras from smartphones or multiple devices.

Our systems are easy to set up without requiring any in-depth knowledge of networking. You will need a high-speed internet connection (minimum upload 1Mbps) at your house. Setting up cameras for viewing on your smartphone will take just a couple of minutes using the P2P functionality on our NVRs. After that, you will be able to fully view and control your PTZ cameras from anywhere with internet or cellular data service. The app is free and there are no monthly fees or subscription costs.

Getting the camera system online.

To access the internet and view/control all your cameras remotely, the NVR or camera system router must be connected to a router linked to the internet. A 10m (30ft) cable will be provided to extend from the camera system to your router.

All Precision Cam kits on pages 7-11 include the following:

CAMERA & NVR:

- 1 camera of your choice, PTZ (pan/tilt/zoom) or fixed
- 1 four-channel NVR with no hard drive. Eight-channel NVR optional (additional \$245). Hard drive options:
 - 1TB - \$150
 - 2TB - \$220
- 1 outdoor-rated PoE power box

WI-FI BRIDGES & ROUTER:

- 2 WiFi bridges to send a signal up to 4km (2.5 miles) within a clear line of sight with an outdoor-rated power box for the WiFi bridge at the camera location.
- 1 router for the system's network.

CABLES:

- 2m (6ft) HDMI cable.
- 10m (30ft) outdoor CAT 5 cable to connect the WiFi bridge outside the house to the bridge PoE injector inside the house.
- 3m (10ft) indoor CAT 5 cable to connect the bridge PoE injector to the system router.
- 10m (30ft) indoor CAT 5 cable to connect the camera system to your router.
- 10m (30ft) outdoor CAT 5 cable to connect the WiFi bridge to the power box.
- 10m (10ft) outdoor CAT5 cable to go from the camera to the power box.

ALL REQUIRED MOUNTING HARDWARE

**PLUS 1 HOUR OF PHONE SUPPORT
WITH OUR EXPERT TECHNICIANS!**

NEW! 32X Side Mount PTZ Camera Kit



Full Kit: \$3,333.00

SKU: IP-KIT-PTZ-32X

Add-on Kit: \$2,458.00

SKU: IP-KIT-PTZ-32X-ADD

Multi Kit (no bridge): \$2,159.00

SKU: IP-KIT-PTZ-32X-MULTI

Camera only: \$1,799.00

SKU: CAM-PTZ-32X-ZZ

This kit allows you to monitor multiple pens from the side of one pole with a 360° field of view. This PTZ camera has a resolution of 1080P and a 32X zoom (4.8-154mm) lens that allows you to see up to 2km (1.2miles) away during the day. With its built-in IR night-vision system, you can view up to 250m away (820') at night. This camera can be rotated (panned) 360°, tilted 90° and zoomed in/out at any time from your NVR or smartphone, allowing for a full field of view. It is fully outdoor rated (IP67), water and dust resistant and can withstand temperatures from -40°C (-40°F) to +70°C (+158°F). It will have no problem surviving the harsh Canadian climate.

Limited quantities available. Contact us for more information.

NEW! 5X Side Mount PTZ Camera Kit



Full Kit: \$1,929.00

SKU: IP-KIT-PTZ-5X

Add-on Kit: \$1,054.00

SKU: IP-KIT-PTZ-5X-ADD

Multi Kit (no bridge): \$755.00

SKU: IIP-KIT-PTZ-5X-MULTI

Camera only: \$395.00

SKU: CAM-PTZ-5X

This kit allows you to monitor multiple pens from the side of one pole with a 360° field of view. This PTZ camera has a resolution of 1080P and a 5X zoom (2.7-13.5mm) lens that allows you to see up to 200m (675') away during the day. With its built-in IR night-vision system, you can view up to 30m away (90') at night. This camera can be rotated (panned) 360°, tilted 90° and zoomed in/out at any time from your NVR or smartphone, allowing for a full field of view. It is fully outdoor rated (IP66), water and dust resistant and can withstand temperatures from -30°C (-22°F) to +60°C (+140°F).

Limited quantities available. Contact us for more information.

25X Universal Top Mount PTZ Camera Kit



Full Kit: \$3,693.00

SKU: IP-KIT-PTZ-UM25X-POE

Add-on Kit: \$2,818.00

SKU: IP-KIT-PTZ-UM25X-POE-ADD

Multi Kit (no bridge): \$2,519.00

SKU: IP-KIT-PTZ-UM25X-POE-MULTI

Camera only: \$2,199.00

SKU: CAM-PTZ-25X-TM-ZZ

This kit allows you to monitor multiple pens from the top of a pole with a 360° field of view. This unit also can be mounted upside down. This pan/tilt/zoom camera has a 4.8-120mm lens (25X optical zoom and 16X digital) that allows you to see over 1.6 km (1 mile) in daylight and up to 150m (500') away at night. This camera can be rotated (panned) 360°, tilted 90° and zoomed in/out at any time from your NVR or phone, allowing for a full field of view. It's fully outdoor rated (IP66), water and dust resistant and can withstand temperatures from -40°C (-40°F) to +60°C (+140°F). It will have no problem surviving the harsh Canadian climate. Can be upgraded with more cameras.

Limited quantities available. Contact us for more information.

25X Side Mount PTZ Camera Kit



Full Kit: \$2,863.00

SKU: IP-KIT-PTZ-25X-POE

Add-on Kit: \$1,988.00

SKU: IP-KIT-PTZ-25X-POE-ADD

Multi Kit (no bridge): \$1,689.00

SKU: IIP-KIT-PTZ-25X-POE-MULTI

Camera only: \$1,329.00

SKU: CAM-PTZ-25X-SM-ZZ

This kit allows you to monitor multiple pens from the side of one pole with a 360° field of view. This PTZ camera has a resolution of 1080P and a 25X zoom (4.8-120mm) lens with an additional 16X digital zoom that allows you to see up to 1.6 km (1 mile) away during the day. With its built-in IR night-vision system, you can view up to 100m (328') at night. This camera can be rotated (panned) 360°, tilted 90° and zoomed in/out at any time from your NVR or smartphone, allowing for a full field of view. It is fully outdoor rated (IP66), water and dust resistant and can withstand temperatures from -40°C (-40°F) to +70°C (+158°F). It will have no problem surviving the harsh Canadian climate.

16X Side Mount PTZ Camera Kit



Full Kit: \$2,433.00

SKU: IP-KIT-PTZ-16X-POE

Add-on Kit: \$1,558.00

SKU: IP-KIT-PTZ-16X-POE-ADD

Multi Kit (no bridge): \$1,259.00

SKU: IP-KIT-PTZ-16X-POE-MULTI

Camera only: \$899.00

SKU: CAM-PTZ-16X-ZZ

This kit allows you to monitor medium sized pens from the side of a pole or a barn wall. It's a great in barn camera. This PTZ camera has a 16X zoom (5-80mm) lens that allows you to see over 400m away (about 1/4 mile) in the daytime and up to 100m (300ft) at night with its built-in IR night-vision system. The special Starlight night-vision feature makes the picture much more detailed in low light conditions. This camera can be rotated (panned) 360°, tilted 90° and zoomed in/out at any time from your NVR or phone allowing for a full field of view. It's fully outdoor rated (IP66), water and dust resistant and it can withstand temperatures from -40°C (-40°F) to +60°C (+140°F). It will have no problem surviving the harsh Canadian climate. Can be upgraded with more cameras.

7-35mm Varifocal Bullet Camera Kit



Full Kit: \$2,099.00

SKU: IP-KIT-7/35MM

Add-on Kit: \$1,224.00

SKU: IP-KIT-7/35MM-ADD

Multi Kit (no bridge): \$925.00

SKU: IP-KIT-7/35MM-MULTI

Camera only: \$685.00

SKU: CAM-BULLET-7/35MM-ZZ

This camera kit is ideal for monitoring driveways, fuel tanks, doors and long, narrow areas where details need to be visible from a greater distance. The kit includes one fixed-position varifocal camera with 7-35mm (5X zoom) that can see up to 250m away (820ft) during the day and up to 100m away (328ft) at night with its built-in IR night vision. The lens is motorized so you can adjust the zoom/focus at any time from your NVR or phone. It's fully outdoor rated (IP67), water and dust resistant and it can withstand temperatures from -40°C (-40°F) to +60°C (+140°F). It will have no problem surviving the harsh Canadian climate. Can be upgraded with more cameras.

2.7-13.5mm Varifocal Bullet Camera Kit



Full Kit: \$1,873.00

SKU: IP-KIT-2.7/12MM

Add-on Kit: \$998.00

SKU: IP-KIT-2.7/12MM-ADD

Multi Kit (no bridge): \$699.00

SKU: IP-KIT-2.7/12MM-MULTI

Camera only: \$459.00

SKU: CAM-BULLET-2.7/13.5MM-ZZ

This camera kit is ideal for small barns and smaller areas like fuel tanks, shops, doorways, etc., that require a wider field of view or a small amount of zoom. The kit includes one fixed-position varifocal camera with 2.7-13.5mm (5X zoom) that can see up to 80m away (256ft) during the day and up to 60m away (197ft) at night with its built-in IR night vision. The lens is motorized so you can adjust the zoom/focus at any time from your NVR or smartphone. It's fully outdoor rated (IP67), water and dust resistant and it can withstand temperatures from -40°C (-40°F) to +60°C (+140°F). It will have no problem surviving the harsh Canadian climate. Can be upgraded with more cameras



Full Kit: \$1,689.00

SKU: IP-KIT-3.6MM

Add-on Kit: \$814.00

SKU: IP-KIT-3.6MM-ADD

Multi Kit (no bridge): \$515.00

SKU: IP-KIT-3.6MM-MULTI

Camera only: \$275.00

SKU: CAM-BULLET-3.6MM-ZZ

3.6mm Fixed Bullet Camera Kit

This kit includes one fixed-position camera, 3.6mm lens with 30m (100ft) night-vision capacity. It's fully outdoor rated (IP67), water and dust resistant and it can withstand temperatures from -40°C (-40°F) to +60°C (+140°F). It will have no problem surviving the harsh Canadian climate. Can be upgraded with more cameras

2.7-12mm Varifocal Dome



SKU: CAM-DOME-IP-2.7/12-AI

\$459.00

This 4MP fixed varifocal IP dome camera has a motorized lens and can be focused remotely through an NVR or smartphone. It is also equipped with a vandal-proof enclosure to protect the camera from all forms of blunt damage.

The lens ranges from 2.7mm (87° field of view) to 13.5mm (29° field of view). It features PoE and nighttime viewing distance of 60m (197ft). At the 2.7mm lens setting it provides a wide viewing angle for observing a larger area. At the 13.5mm setting it can be set up to observe areas further away and in greater detail.

Great for monitoring doorways and halls inside buildings and shops. It's outdoor rated (IP66), water and dust resistant and can be operated in temperatures between -40°C (-40°F) and +60°C (140°F)



2.8mm Wi-Fi Alarm Camera

Compact indoor/outdoor WiFi security camera that can be used as a stand-alone camera connected to your WiFi and viewed on your phone.

WiFi ALARM SECURITY CAMERA

SKU: CAM-FIX-WIFI-2.8-ALARM

\$250.00

Features:

- 1080P (2 megapixel) FHD sensor
- 2.8mm wide angle lens
- Remote viewing
- 2-way audio
- SD card slot for onboard recording (up to 128GB)
- Built-in WiFi for initial configuration
- LED lights for active deterrence, colour vision and light
- IR night vision with 10M (33ft) range
- Built-in motion sensor
- IP65 outdoor rated (except for power adapter)**
- 1-year warranty



Intended to be used for security purposes at a house or shop with an existing WiFi signal. This camera is not intended to be used as a livestock monitoring camera.

The camera is waterproof, but the power supply is not. You must have access to a protected location within 10ft of the camera location to install the power supply.

Limited stock availability, lead time may vary. Exact model in stock subject to change.



Network Video Recorder



4CH NVR: \$325.00

SKU: NVR-4CH-NHD

8CH NVR: \$585.00

SKU: NVR-8CH-NHD

16CH NVR: \$725.00

SKU: NVR-16CH-NHD

NVRs support our IP cameras and allow constant or motion video recording when a hard drive is installed (sold separately). The recorded footage can be managed from the NVR on a monitor, and on your smartphone or computer. Our NVRs have P2P functionality, allowing you to view the cameras live from anywhere with internet or cellular data service.

The number of channels indicates how many cameras can be added to the NVR. We have 4, 8, and 16 channel NVRs. The 16CH NVR comes with alarm inputs, for connecting external alarm devices.



PoE Power Box Kits For Multiple Cameras

Outdoor rated PoE switch box kit to run up to 4 or 8 cameras on one bridge. Capacity will depend on power and bandwidth requirements of cameras.

4 Port Full Kit: \$1,604.00 SKU: IP-KIT-POE-X4

4 Port Add-on Kit: \$739.00 SKU: IP-KIT-POE-X4-ADD

8 Port Full Kit: \$2,044.00 SKU: IP-KIT-POE-X8

8 Port Add-on Kit: \$919.00 SKU: IP-KIT-POE-X8-ADD



DRIVEWAY & SHOP ALARMS

Motion Sensor Driveway Alarm Kit

This device detects motion to trigger an alarm. The kit includes both the transmitter and receiver. It has a 1.6 km (1 mile) range.

Full Kit: \$280.00

SKU: DCMA4000PLUS

Sensor Only: \$145.00

SKU: DCMT4000



Driveway Metal Detector Probe Kit

This is an extremely reliable driveway alarm that is used to detect vehicles only. The probe is buried parallel to the driveway and detects vehicles passing within approximately 10-12 feet. The direct burial cable can be run to a tree or post where the transmitter box is located. When a vehicle drives by, the transmitter will send a signal to the receiver up to 1.6 km (1 mile) away.

Ideal for locations where there may be deer or other large animals that would cause false signals with a motion-detecting system. Because the probe is buried underground, it is the most discrete of our wireless systems.



Full Kit: \$480.00

SKU: DCPA4000PLUS

Sensor Only: \$325.00

SKU: DCPT4000

The transmitter is weatherproof and meant for exterior locations. Up to four zones can be monitored with additional transmitters. The transmitters can be programmed so they will each sound a different tone at the receiver.



Shop Door Alarm/Doorbell

The Dakota Alert universal transmitter can be used as a door alarm, doorbell, or can be equipped with external sensors such as overhead door contacts. Works with all Dakota Alert 4000 series systems.

Full Kit: \$250.00

SKU: UTRE4000PLUS

Additional Sensor \$115.00

SKU: UT4000

Additional Receiver for Driveway & Shop Alarms:

SKU: RE4000PLUS

\$150.00



PARTS & ACCESSORIES

Hard Drives

1TB: \$150.00

SKU: HDD-1TB

2TB: \$220.00

SKU: HDD-2TB

3TB: \$370.00

SKU: HDD-3TB

4TB: \$405.00

SKU: HDD-4TB

6TB: \$500.00

SKU: HDD-6TB

10TB: \$650.00

SKU: HDD-10TB



Hard drives for our NVRs. 1TB and 2TB are regular stock, higher capacities are special order.

Ceiling Mount for Side Mount Cameras

Pendant ceiling mount for 25X and 16X PTZ cameras (Can be swapped out with wall mount upon ordering for no additional cost).



SKU: PART-PTZ-IP-31X-MNTC

\$75.00



IP Joystick Controller

Joystick controller for IP PTZ cameras.

Joystick Controller: \$622.95

SKU: JOYSTICK-KEYBOARD-ZZ



CAT 5 ETHERNET CABLES



Indoor CAT 5 Network Cable

3M (10'):

SKU: CBL-IP-ID-3M

\$8.00

10M (33'):

SKU: CBL-IP-ID-10M

\$18.00

15M (50'):

SKU: CBL-IP-ID-15M

\$20.00



Outdoor CAT 5 Network Cable

3M (10'):

SKU: CBL-IP-OD-3M

\$18.00

10M (33'):

SKU: CBL-IP-OD-10M

\$25.00

15M (50'):

SKU: CBL-IP-OD-15M

\$35.00

35M (115'):

SKU: CBL-IP-OD-35M

\$50.00

Custom (Minimum 36 Meters):

CABLE OUTDOOR CAT5 (PER FOOT) +\$1 FOR CONNECTORS

\$00.85



ADDITIONAL PRODUCTS & SERVICES FROM PROTELEC/ALLEN LEIGH



Water Flow Monitoring & Leak Detection

Monitoring for leaks, water pipe ruptures and flooding. Our water flow monitoring system helps you conserve water and save money.



Property Security & Proactive Monitoring

ProTELEC specializes in preventative security services for commercial properties using AI cameras, access control, zoned alarms and more.



Lone Worker Safety Monitoring

The Safe Alone app has flexible settings, meets Provincial Lone Worker Legislation requirements, and provides affordable safety checks.



A BRAND OF ALLEN LEIGH SECURITY

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ALL PRICES SUBJECT TO CHANGE



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www.precisioncam.ca

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Interested in becoming a Precision Cam dealer? Contact us!