Raptor™ Remote Trigger
Quick-Start Guide

Version 1.00
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Introduction

The PixController Remote Trigger Option is a special feature of our popular Raptor Wireless Camera System. This option allows a user to connect an external 12V solenoid or 12V relay for momentary trigger control of gates or live animal traps.

The Remote Trigger system includes all you need: a wireless cellular camera with motion sensor, solenoid/relay system to connect to your gate system, and solar panel to keep the batteries charged. Simply attach the solenoid to your gate release pin and you’re all set to go!

PixController, Inc. provides cellular service for Verizon, AT&T, and T-Mobile. We even have a WiFi option if you are in range of a WiFi access point/hotspot.

When the system is running it will transmit photos wirelessly to your mobile phone and/or email. Within the message there will be a link to active the trap. It’s that simple. The ability of a user to determine when to trigger the trap can be a major advantage over the much more indiscriminate manually activated animal traps or standard animal-triggered live traps.

Easily control and manage all of your traps through our M2M Connect Cloud. Access the M2M Connect Cloud using your smart phone, tablet, PC, or Mac to change settings, get battery status, request photos, and even trigger the gate.

Feral hog trapping application
**Remote Trigger relay/solenoid controller**

The Remote Trigger system includes a 13lb solenoid has a 1/4-28 threaded rod to connect to your gate trigger system. The Relay Box contains a high current relay & battery that includes a 15’ cable to connect to the Remote Trigger Camera unit. The Remote Trigger Camera unit will charge the battery in the Relay Box from the solar panel connected to the Remote Trigger Camera.

**How it works**

The Raptor Remote Trigger is simple to use. No App’s to download or confusing SMS commands to send...

1. Photo is sent from Remote Trigger to you phone and/or email.
2. Activate the trap by clicking on the link.
3. Trap closes within 6 seconds!
Controlling your Remote Trigger in the field

Easily manage all of your traps whether you’re running a hog trapping business or managing a few traps. All of your traps will be displayed on Google Maps from the M2M Connect Cloud dashboard. Click on each trap to see current photos, battery, and wireless signal. Change settings, add/delete email addresses, capture on-demand photos, and trigger the trap all from your smart phone, tablet, PC, or Mac.

The device page for Remote Trigger includes a display for the last 100 images which are transmitted, the current status information including signal and battery, device model, and device serial number. The page also includes historic graphs of battery and signal levels. Lastly, the device page includes detailed image information.

The image data set can be traversed by clicking on the right and left arrows overlaid on the image.

Quick buttons for taking a manual photo or triggering the trap are available from this page.

Battery management features

Under the Config settings you can adjust how fast the Remote Trigger will respond to trap commands. When you are ready to start trapping remotely adjust the “Camera Update Cycle” to Ten Minutes/Trap under the COTA tab, and Trigger Response Delay to 2 min 30 sec under the Camera Tab. This mode will use more battery power. Simple set the “Camera Update Cycle” to Ten Minutes until you are ready to trap hogs to ensure longer battery power.