

Intelligent
Selection™
by



U.S. PATENT Number
6,049,353
April 11, 2000
Filed May 17, 1996

Since 1969

GRAY ELECTRONICS

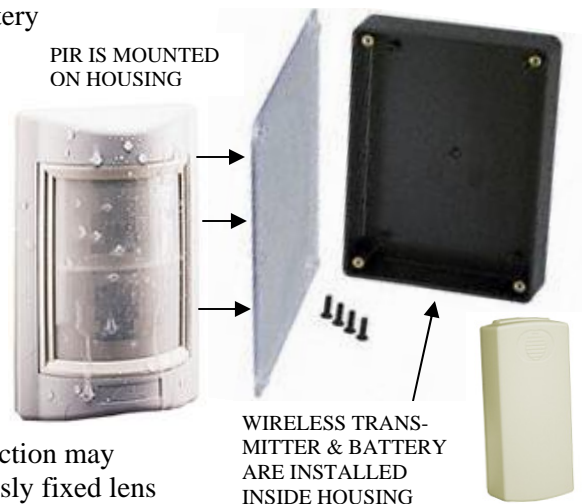
Sept 7, 2010

Outside Wireless battery powered Passive Infra Red Motion (PIR) System.

Gray Systems allows temporary installation of an Outside PIR system ON a high value vehicle, Back hoe tractors, supplies, or other mobile equipment, etc. that may be temporarily parked or stored in your campus parking areas to provide zoomed in, close up, pictures of persons attempting to steal these items.

Gray Electronics is offering an Outside PIR system that is Battery Powered and communicates all alarms via a Spread Spectrum Wireless transmitter to a Spread Spectrum Wireless Receiver that has 6 relay outputs that Interface with Axis IP Dome Cameras. When the PIR detects movement and sends the alarm to the Receiver, it relay selects an Axis IP Dome camera's alarm input, which causes the Dome to travel to the assigned Pre Set scene. This Pre Set scene, having been pre programmed to cover the location of the PIR, provides Zoomed in Close up IP pictures that may Identity the persons and even read license plate data, is presented to Grays Intelligent Selection Internet Protocol (IsIp) for capturing and storage. Additionally, the Dome Camera will send an email to key personnel with 5-10 pictures attached such that immediate action may be taken to stop this theft before they drive it away, etc. Obviously fixed lens HD Cameras may be used if the Axis Dome system is not available.

TRANSMITTER & BATTERY HOUSING



For longer term protection of equipment or supplies, etc. Grays system may be powered by a Solar Panel/battery system.

The PIR is a Crow D&D specifically designed of outside applications.

The Transmitter is an Inovonics EN1210 whose frequency hopping spread Spectrum technology provides RELIABLE alarm transmission to an Inovonics EN4216R receiver located up to 0.5 miles away. (Line of sight)

The replaceable lithium batteries provide PIR power for 10 days. The EN1210 transmitter battery lasts 4-5 years.

Gray offers a Solar Panel Powered Battery system for applications that may require a more permanent installation that does not have AC power close by.



The Inovonics EN4216R would be mounted close to the Axis 6032E IP Dome Camera system installed on your Security System Network where Grays Intelligent Selection Internet Protocol (IsIp) software is running on a personal computer or laptop. The EN4216R receiver can provide an output corresponding to one of up to 4 Outside Wireless PIR systems that may be installed. The Relay outputs would be hardwired to the 4 alarm inputs provided by the Axis 6032E IP Dome Camera.

A unique feature of the receiver is that it must receive only (1) ONE of the 21 frequency hopping signals transmitted by the EN 1210 for every alarm input received.

The features of the Axis 6032 are too numerous to list on this application sheet.

The Dome system functions with IsIp Axis Camera Driver and IsIp Database software to allow physical placement of this system anywhere an Internet connection can be made. This allows IP Zoomed in Close up pictures to be captured and stored on a PC located anywhere an Internet connection can be made such that installations may be very remote and great distances from your main campus.



Inovonics EN4216R



Axis 6032E IP Dome Camera

For an application using an Axis P1346 an HD Megapixel fixed camera that has 2048 X 1536 Pixel resolutions, its Vari Focus lens could be Zoomed in to provide the needed picture. When the alarm input from the Outside Wireless PIR transmitter-receiver system is connected to the P1346, it could send emails with pictures attached and if IsIp was available on the P1346 Network & internet access, all of the picture processing abilities of IsIp would be available over the internet from anywhere the internet is available just like the Dome System.

Axis P1346 HD Fixed Camera

For more information on IsIp visit Grays Website:
www.grayelectronic.com

