

Intelligent
Selection™
by



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Since 1969

GRAY ELECTRONICS

SECURING SCHOOL BUSES USING IP CAMERAS A TYPICAL INTELLIGENT SELECTION INTERNET PROTOCOL (IsIp) SYSTEM

Gray Electronics IsIp software digitally captures pictures from Axis Megapixel IP Cameras, that are “Intelligently Selected”, and Stores these High Resolution (1280 X 1024 pixel) still pictures on a Central Computers hard drives, over the internet and simultaneously captures the Global Positioning coordinates of where the bus was located when the pictures were captured. Because each of these pictures includes the time, date, text ID description and now the GPS location, they are stand alone evidence in court.

IsIp will support up to 96 cameras. Consequently, if you install (3) three on a bus, IsIp can process Megapixel IP pictures from 32 busses at the same time, over the internet. Six (6) cameras per bus will only allow 16 busses, etc.

As an example, a bus may have a camera in each end of the cabin to provide front & back views of activity that may warrant capturing pictures and one mounted outside on the left side rear to capture pictures of vehicles that are NOT stopping when the bus is stopped, with its stop sign out, loading or unloading students. The Megapixel IP cameras resolution (1280 X 1024 pixels) will be sufficient to not only identify the make & model of the vehicle but its LICENSE Plate data.



Pictures are initiated by the driver pressing a button/switch which alarms one of the cameras that will provide the best view of the situation.

A camera installed inside the cabin will provide a picture similar to this picture.

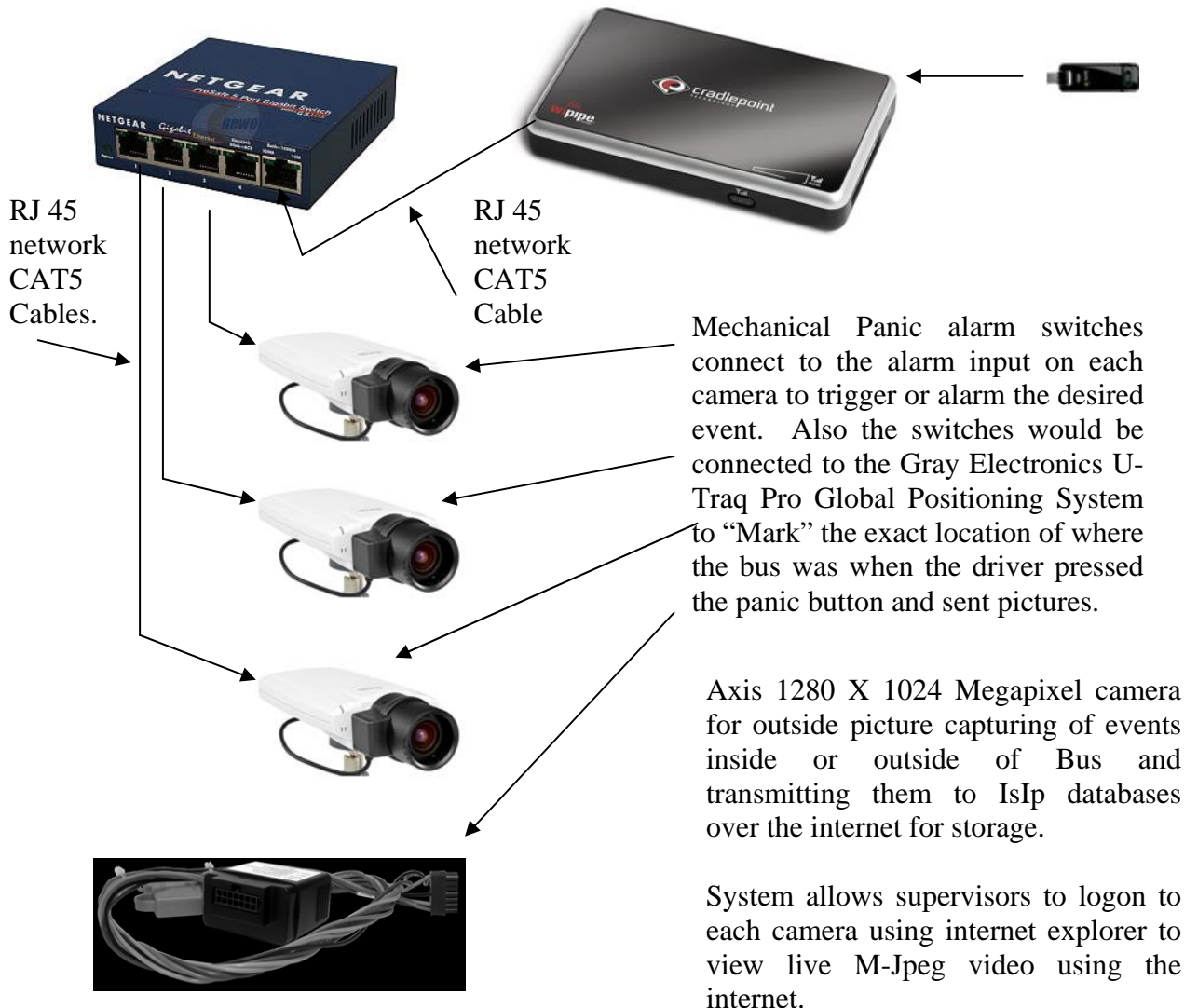


GRAY ELECTRONICS TYPICAL SYSTEM FOR A BUS

Netgear 5 port network switch to connect up to 4 IP Cameras to IsIp network to capture pictures from bus cameras.

Cradlepoint router that processes internet connections between the network switch and the internet to send IP pictures to IsIp.

3G or 4G cellular broad band modem from Sprint, AT&T Verizon, Clear etc. plugs into Router.



Note: All units are powered by the Buses 12VDC power system.