Security Station

Fully Autonomous Intrusion Detection System
Intrusion Detection System

- Fully autonomous intrusion detection system
- Supports multiple wireless technologies, 4G LTE/Satellite
- Outdoor rated equipment to operate in any environment
- Industrial components designed for longevity, low maintenance
- Portable, skid or concrete block mounted, easily moved with forklift, backhoe, excavator, etc.
- Turn-key ready to power on and go with no configuration necessary
- Off-Grid power systems: solar electric or generators
- Simple design, no moving parts, cost effective
RadiusVision

Industrial grade security solutions

→ RadiusVision has been working with the Mobotix Camera System since 2004, winner of Mobotix Dealer Integrator of the Year Award

→ Unparalleled expertise with various wireless communications technologies, cellular, satellite, and long range wireless point to point networks

→ Industry leader in solar powered video surveillance monitoring systems

→ Superior monitoring, maintenance, and support services
We have been a Mobotix Advanced Partner since 2004

➔ RadiusVision staff has 25+ years combined experience with Mobotix, winner of Mobotix Dealer Integrator of the Year Award

➔ Mobotix provides the most advanced edge analytics available in the industry

➔ Integration solutions allow for remote control over almost anything or for any automation task

➔ Highly effective at reducing overall cellular/satellite data usage

➔ No moving parts with less than 1% failure rate, even in extreme weather conditions
Video Analytics

Motion detection can be active on both thermal and visual cameras

→ Reliable Motion Detection and identification due to MxActivitySensor
→ Extreme reduction of false alarms due to light changes, objects blowing in the wind, and rain
→ Thermal Detection provides 100% identification of people, animals, and vehicles
→ Instant alerting via Email, TXT, or VMS integration

Note: For complete info about Mobotix technologies, see the attached Mobotix Perimeter Solutions PDF
Each Mobotix M16 thermal/visual camera, equipped with long range telephoto lenses can detect humans at 600' - 1200', depending on the conditions.

A single Security Station includes 2 Mobotix M16 thermal/visual cameras mounted on 1 pole, each pointed in opposite directions.

Coverage for 1 Security Station will be 1200' - 2400' total distance.

Very simple system design, less maintenance required.
Mobotix S16 visual camera with 180 degree field of view

⇒ Mobotix S16 single lens equipped with 360 degree view fisheye lens for viewing straight down, to provide coverage below the M16 cameras

⇒ LED IR light will be included with this camera for crystal clear night time vision of approaching intruders
Raytec Long Range LED Lighting

➔ Raytec long range LED white or IR light can be activated on demand for further inspection using the 6mp visual camera. Turning on white light will also serve to warn away intruders.

➔ As alternative to LED white light, consider LED infrared light for a more stealthy system design

➔ Maximum useful distance is 820’ when equipped with 10 degree FOV lens

➔ Each Security Station includes 2 Raytec long range LED lights
Primary Communications

Sierra Wireless Connectivity

➔ LTE hardware includes cellular router and high gain omni-directional antenna
➔ Cellular diversity for maximizing available bands and bandwidth
➔ Provides failover with Satellite internet technologies
➔ Extremely low failure rate with advanced industrial design
➔ Remote monitoring of equipment to maximize uptime and prevent service calls with proactive maintenance
➔ Flexible Email/TXT notifications and alerting
Redundant Communications

Satellite Internet

➔ Always available internet connection that works anywhere in the world
➔ Redundant internet connection in the event that a cellular data signal is not available
➔ Effective for sending snapshot image alerting
Power

Solar Electric Power

➔ For locations that lack AC power, we will provide a solar electric power plant consisting of a 620 watt photovoltaic array, 432 amp hour battery bank.

➔ Capable of providing continuous power in any solar zone

➔ 24v and 48v output power to support a wide range of upgrades and options
Mounting Base

Use concrete block, skid, or trailer

→ Systems can be mounted to skids, concrete blocks or trailers
→ With lifting rings or forklift sleeves, system can be moved as required
Your security technology partner

An integrator you can trust to get the job done right

➔ **Design/Build Solutions**
   No matter what the challenge is we can build a solution that will solve problems

➔ **Expert Knowledge**
   Our Design Engineers have extremely diverse skill sets that facilitate passion and a drive for innovation

➔ **Superior Support**
   Proactive Monitoring or On Demand support, we can rapidly diagnose and fix system issues