

Features

- Multiple Camera options**
1 to 8 cameras per MOD-BOX, 75+ different camera models to choose from (can be mixed models), plus support for third party cameras.
- Fixed and PTZ Cameras support**
Patronus Laboratories provides 5GHz Analog wireless video transmission and optional 900Mhz serial data transmission for PTZ camera control.
- Wireless Range**
Analog video and Data range is up to 1000 meters outdoors CLOS (Clear Line Of Site).
- Multiple Mounting options**
Wall, Aluminum poles, Steel poles, Steel Towers, Trailers, etc.
- Multiple Power Options**
Grid power high voltage, Grid power Low voltage, Generator power or Solar power.
- IR illumination**
IR illuminators in the 808nm, 850nm and 940nm range are available with illumination ranges out to 180 meters with fixed position LEDs and/or 3000 meters with PTZ integrated Variable Beam Dispersion Lasers illuminators.
- Pre-built or Parts**
System can be provide as parts or pre-built, preconfigured, pre-tested units.
- High security option**
High security lock optional with Master Key system.

Analog MOD-BOX Camera System



Overview

WECU Surveillance.com's Analog MOD-BOX Camera Systems are designed for wireless video applications where there are 8 cameras or less and where the wireless range is less than 1000 meters. Analog wireless video is simple to install and configure for any level installer. With the optional wireless serial data, all WECU Surveillance.com's PTZ cameras can be controlled remotely. Mounting options are equally as dynamic from wall, trailer mounting to 14 foot tall Schedule 40 aluminum poles to steel towers 300 feet tall.

The Analog MOD-BOX system will support third party analog cameras. Contact WECU Surveillance.com for more details.

Configuration of desired options into a functional solution is complex process mastered by our in-house design team. It is required that customers contact the in-house design team to assemble the desired options into a MODBOX Camera system to ensure all technical aspects are properly addressed in the configuration and design. MODBOX solutions are designed at no charge typically within 48 hours of configuration requirements being provided.

Camera Options

<u>High-End Long Range Cameras with Variable Beam Dispersion Laser Infrared Illuminator - Fog buster camera can see through fog, smoke, mist, haze in the daytime</u>
12.5-750mm motorized zoom lens, Fog buster Camera with wiper, 3000 meter Variable Beam Dispersion Infrared Laser – suitable for high security systems where day time surveillance out to 5000 meters and night time surveillance out to 3000 meters is required.
30-750mm motorized zoom lens, Fog buster Camera with wiper, 2000 meter Variable Beam Dispersion Infrared Laser – suitable for high security systems where day time surveillance out to 4000 meters and night time surveillance out to 2000 meters is required.
23-500mm motorized zoom lens, Fog buster Camera with wiper, 1500 meter Variable Beam Dispersion Infrared Laser – suitable for high security systems where day time surveillance out to 3000 meters and night time surveillance out to 1500 meters is required.
17-370mm motorized zoom lens, Fog buster Camera with wiper, 1000 meter Variable Beam Dispersion Infrared Laser – suitable for high security systems where day time surveillance out to 2000 meters and night time surveillance out to 1000 meters is required.
11-200mm motorized zoom lens, Fog buster Camera with wiper, 500 meter Variable Beam Dispersion Infrared Laser – suitable for high security systems where day time surveillance out to 1000 meters and night time surveillance out to 500 meters is required.
<u>High-end Long Range Color / Thermal Cameras - Fog buster camera can see through fog, smoke, mist, haze in the daytime</u>
23-500mm motorized zoom lens, Fog buster Camera and 75-150mm motorized zoom Thermal Camera both mounted on a Pan Tilt mount – suitable for high security systems where day time surveillance out to 3000 meters and Thermal surveillance out to 1500 meters is required
17-370mm motorized zoom lens, Fog buster Camera and 20-100mm motorized zoom Thermal Camera both mounted on a Pan Tilt mount – suitable for high security systems where day time surveillance out to 2000 meters and Thermal surveillance out to 1000 meters is required.
<u>High-end Medium Range Color / Short Range Thermal Cameras</u>
36x Optical (3.4-122mm) Day/Night Color camera with wiper and 50mm Thermal Camera on Pan Tilt mount– suitable for high security systems where day time surveillance out to 1000 meters and night time surveillance out to 500 meters is required.
36x Optical (3.4-122mm) Day/Night Color camera with wiper and 20mm Thermal Camera on Pan Tilt mount– suitable for high security systems where day time surveillance out to 1000 meters and night time surveillance out to 200 meters is required.
<u>High-End Medium Range Cameras with Variable Beam Dispersion Laser Infrared Illuminator</u>
3.4-122mm (36x) zoom Sony Camera module with wiper, 400 meter Variable Beam Dispersion Infrared Laser on Pan Tilt mount – suitable for high security systems where day time surveillance out to 1000 meters and night time surveillance out to 400 meters is required.
3.8-99mm (26x) zoom Sony Camera module with wiper, 300 meter Variable Beam Dispersion Infrared Laser on Pan Tilt mount – suitable for high security systems where day time surveillance out to 800 meters and night time surveillance out to 300 meters is required.
4.1-73mm (18x) zoom Sony Camera module with wiper, 200 meter Variable Beam Dispersion Infrared Laser in Pan Tilt dome mount – suitable for high security systems where day time surveillance out to 600 meters and night time surveillance out to 200 meters is required.
<u>Speed Domes– suitable for short range security applications where day and night viewing with ambient light</u>
3.5-129.5mm (37x) Samsung Optical zoom, 12x digital zoom PTZ Speed Dome
3.4-122mm (36x) Sony Optical zoom, 12x digital zoom PTZ Speed Dome camera
3.84-88.4mm (23x) Samsung Optical zoom, 10x digital zoom PTZ Speed Dome
4.1-73.8mm (18x) Sony Optical zoom, 12x digital zoom PTZ Speed Dome camera
3.8-38mm (10x) Samsung Optical zoom, 10x digital zoom Mini PTZ Speed Dome
<u>Fixed Cameras</u>
1.3mm (125°H) Fixed zoom , DC Iris, IR Lens, 1.3Mega-Pixel, H.264 IP Professional Camera in Polycarbonate Enclosure with heater/blower
1.67mm (110°H) Fixed zoom , DC Iris, IR Lens, 1.3Mega-Pixel, H.264 IP Professional Camera in Polycarbonate Enclosure with heater/blower
8-80mm, Manual zoom/focus, 1.3Mega-Pixel, H.264 IP Professional Camera in Polycarbonate Enclosure with heater/blower
3-8mm, Manual zoom/focus, 1.3Mega-Pixel, H.264 IP Professional Camera in Polycarbonate Enclosure with heater/blower
3.3-99mm (30x) Samsung Optical zoom, 10x digital zoom, fixed position camera with 100 meter LED IR illumination
3.84-88.4mm (23x) Samsung Optical zoom, 10x digital zoom, fixed position camera with 100 meter LED IR illumination
License plate capture camera, 10-40mm lens, 5-30 meter distance, up to 180 km/h
License Plate capture camera, 9-22mm lens, 2-15 meter distance, up to 45km/h
9-22mm manual zoom, 40-50m LED IR, 540TVL, Fixed Camera
9-22mm manual zoom, 40-50m LED IR, 470TVL, Fixed Camera
5-55mm manual zoom IR F1.4 Lens, 580TVL Professional Camera in Polycarbonate Enclosure with heater/blower
2.7-12mm manual zoom IR F1.2 Lens, 580TVL Professional Camera in Polycarbonate Enclosure with heater/blower

LED Infrared Illumination Options

20 Meter IR Range, 120 degrees, 940nm
40 Meter IR Range, 120 degrees, 850nm
45 Meter IR Range, 60 degrees, 940nm
55 Meter IR Range, 45 degrees, 940nm
65 Meter IR Range, 25 degrees, 940nm
80 Meter IR Range, 60 degrees, 850nm
110 Meter IR Range, 45 degrees, 850nm
130 Meter IR Range, 25 degrees, 850nm
180 Meter IR Range, 40 degrees, 850nm

Communication Options

Point-to-Point Analog video
Point-to-Multi-point analog data

Mounting Options

Wall Mount
Client supplied Pole mount
Schedule 40 Aluminum Pole - 14 foot above ground
Steel Pole - 20-100 feet, any custom length
Triangular tower - 20 to 300 feet, 10 foot increments
Trailer with 25, 35, 45, 80 and 106 foot extendable mast

Power Options

Grid power -110 or 220 VAC input with or without Battery backup
Grid power 110 or 220VAC, Low voltage power supply, up to 300 feet low voltage power wire to MOD-BOX with or without Battery backup
Generator/Battery, auto start/stop, 30-90 day run time between refueling
Solar/Battery, full stand alone