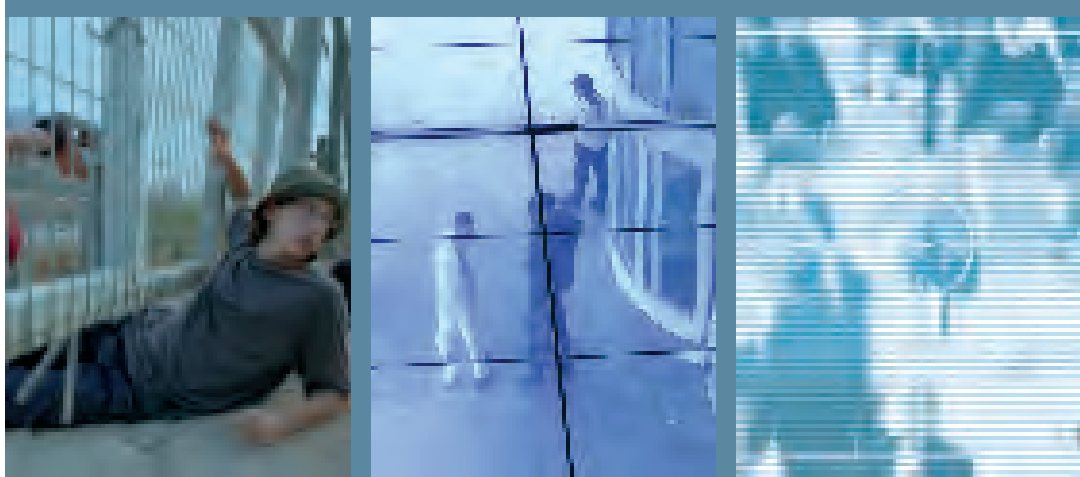


FutureSentry™
Keeping perimeters safe



With FutureSentry™ at its post criminals won't even get close

Intruders turn and run when they know they have been detected before committing crimes. Actively patrolling perimeters 24/7 is costly and complicated. Our new patented technology solves the problem.

FutureSentry is the first interactive robotic device that effectively defends facilities all day, every day. Before intruders become criminals, FutureSentry identifies them, exposes them, follows their movements, and convinces them to retreat.

Each FutureSentry IR sensing unit patrols an assigned area. When it identifies one or more offenders, it targets them by shining high-intensity LED lights, and then follows the subjects with human-like movements so they believe they are being watched and recorded.

Whether integrated into comprehensive new security designs or added to upgrade and enhance existing installations, the FutureSentry™ equipment allows security professionals to achieve both mission-critical and cost control objectives. Systems integrators and those responsible for managing security can easily connect cameras, networks, two-way audio communications, and other security devices.

Patrols

Detects

Targets

Tracks

Gets Involved

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Phone: 305. 271. 8191
www.FutureSentry.com

FutureSentry™ is designed by and made with
pride in the Commonwealth of Virginia, USA
for Communicated Enforcement, LLC
* Patent #7327253

Technical Specifications for the ComForce FutureSentry™ Model Number CFS4

MOTORIZED TURRET

Construction Specifications

- Industrial grade motor 12 Volt DC with integrated pinion gear
- Torque load rated at 12 Volt DC 1.14 KG/CM
- Current draw at rated load 269 mA
- Withstand Voltage of 300 Volts DC for 1 second
- Internal step-down gears and housing made of brass
- Heavy duty gear drive made in USA from non-corrosive aluminum with an industrial nylon spur gear
- Turret pre-wired with industrial rated traveling-coiled cable that feeds power to the camera and LED lights and delivers CCTV signal to the main control housing
 - This cable contains one (1) stranded coaxial cable and six (6) individual 22 gauge stranded wires.
 - Of these six wires, two feed the LED Array; two are prewired to the 12vdc Aux Power Supply for CCTV power. The remaining two wires are spares and can be used to supply 24vac camera power if desired; or for any other such application.
 - Video Cables are terminated with BNC Connectors

Housing

- Heavy Duty, non-corrosive textured ABS plastic
- Designed for demanding exterior applications, the housing walls are .300" thick
- Housing is completely UV Stable and designed for all environments
- Stainless steel hinge and latches
- Service temperature rated at -40 F to 120F

Camera Mount

- Universal CCTV Camera Mount is made of heavy duty aluminum and will accept a load of up to 12 lbs.
- Independently Adjustable Vertical Pitch
- Unique "Half C" design allows CCTV Cameras equipped with hinged covers to be accessed while the camera remains mounted.

Universal System Mount

- Universal Mounting bracket 5mm zinc plated steel
- Can be mounted to pole or building with bolts or stainless-steel band-clamps. (Band-clamps not included.)

Field Accessible Auxiliary Connections

- Hardwired Inputs will accept Dry Contact (NO) inputs for up to 8 zones to allow any device to trigger the system
- Dry Contact Form C Alarm Output set to user programmable thresholds
- Dry Contact Form C Low Battery Alarm Output triggers notification that a sensor has a low battery
- Manual Turret Override allows a user to rotate the turret manually while overriding the unit's inputs. This can be triggered by hardwired switches or outputs from video encoders or video transmitters.
- Aux Power Output is available to a maximum of 13vdc @ 750mA
- Backup Battery Charger is built-in for standard 12vdc battery

Turret Mounted Lights

- Two sets of LED Array lights, each containing 3 super bright, high intensity LEDs (Warning, to prevent eye damage, never look directly at the lights at close range)
- LED Array lights have SAE W-105 approval rating for industrial vehicle use
- Super-bright LEDs will illuminate an area that is 45° wide. The distance of effective image recording will depend upon the camera that is selected. Many light intensifier cameras can see 300 + feet in otherwise total darkness.
- Effective deterrence range of the LED arrays is far greater, extending to 500' and more on level terrain.
- LED Current Draw is 600 mA when ON
- 3-year warranty on the LED Array lights

Power

- Universal Power Input--will operate using either 12-24 VDC or 24 VAC
- Maximum operating draw 1 Amp @12vdc
- Internal Power Supply converts 24 VAC to 12 VDC
- Auxiliary Power Output will provide up to 750 mA at 12vdc for CCTV Camera Power or other peripheral devices. Be sure to make certain that input power (usually 24vac) can deliver at least 40 VA.

Internal RF Receiver

- Receiver type: Super Heterodyne
- Frequency of receiver: 433.92 MHz
- FCC Part 15 Approved
- Receiver Stability: Crystal
- Receiver Sensitivity: -100dBm
- Transmitter to Receiver Range – up to 1000' unobstructed

SENSOR

FutureSentry works with an array of sensors. Our standard solution features an indoor/outdoor all-weather Wireless PIR Sensor/Transmitter. This unit transmits up to a 1,000ft in open space. Terrain and other location specific factors determine the number of sensor units required. ComForce can also provide a Wireless Universal Transmitter enabling any sensing or switching device (with N/O or N/C trigger output) to interface and communicate with the FutureSentry™ unit without using standard hardwired connections. Visit www.futuresentry.com for full technical details.

FutureSentry™

Keeping perimeters safe

FutureSentry upgrades and improvements are ongoing; therefore specifications are subject to change without notice. Printed materials may not reflect those changes. However, all upgrades, modifications and product changes will be posted on the ComForce.com and FutureSentry.com web sites.

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