SOLIDBOT®

Solidbot is the worldwide leader manufacturer of intelligent, autonomous, rapid deployment security trailers. The J10 unit is specifically designed for temporary, autonomous security needs.

Key features

- multi-purpose interchangeable head for a wide range of camera, speaker and lighting products.
- hot-swappable power sourcing with up to one month autonomy.
- variable pneumatic mast with level control up to 6,7 meter height (5m standard).
- configurable close area 360° detection.
- day/night vision under any circumstances through up to 40x optical zoom camera (18x standard).
- dual beam IR/white LED compensation (standard).
- full remote capability and control via computer, tablet or mobile device.
- turn-key solution.
- anti theft unit with GPS tracking.
- failover encrypted data communication.
- advanced environmental awareness (temperature, humidity, power sources and mast pressure are standard).
- rugged design.
- patented design.
- Genetec Security Center/Milestone compatible.

SOLIDBOT ®

360° detection
Up to 40 meter, 360° panoramic detection range; ideal for close protection.

Speakerphone
Integrate one or two-way audio communication.

Remote connectivity
Solidbot trailers can be reached at anytime from anywhere in the world.

Intelligent alarms
Get notified by email on any mobile device or computer with immediate access to system health and live and recorded video.

Immediate zoom for verification
Powerful pan, tilt, zoom camera shoots out to the detection area and immediately sends video to the operator.
At night, the image stays crisp and clear with IR + LED lights

Service friendly
Solidbot trailers are self-managed through intelligent control mechanisms that alert you in time in case of maintenance needs.

Virtual fencing
Additional detection lines can be placed up to 1km away from the Solidbot device. Virtual fencing is easy to configure.

Power facilities
A wide range of power options available to guarantee the stand alone functioning: from a day to a month. Trailer comes with an AC 110V/220V standard connection.

Rapid deployment & installation
Easy installation, rapid deployment and fast configuration are standard on the J-10 security trailer.

Specifications

Trailer specifications
Container fitting (40 foot) 14 units per container
Weight less than 750kg
Tow-hitch class standard 2" class 1 ball hitch
Axle 1350kg with stainless steel brake cables
Wheel/tire dimensions 155/70R13
Lights integrated DOT/CE approved LED lights
Anti-corrosion treatment galvanized & powder coated
Mast 4-step aluminum anodized pneumatic mast
Mounting hardware A2 stainless steel
Stability 4x extendable jack stands (1300kg/jack)
Theft protection Removable trailer tongue

General
Operating conditions -25° to 50°C
Approvals CE-certified, IP-65
Patented technology yes, from intelligence to trailer

Power specifications
Charging voltage AC 220V (standard) or 110V (option)
Operating voltage DC 24V (internal)
Storage voltage 12V deep cycle battery pack - methanol fuel cell
Regulated power yes
Uptime (J-10/J-20/S-10 battery only) approximately 1 week
Uptime (J-10/J-20/S-10 battery + fuel cell) approximately 1 month

Detection / Event triggering
Close range detection
Up to 20m circular 360° advanced PIR detection in 4 zones
Additional wireless detection
4 (up to 16 optional) detection coverage (20 to 60m), communication range (1,2km)
Shock detection onboard shock sensor
Out-of range detection online GPS locator and range setup
Tampering detection door sensor
Health monitoring advanced system status & alert
Power monitoring voltage monitoring & alert
Temperature monitoring temperature monitoring
Humidity monitoring humidity monitoring
Light monitoring integrated light sensor
Virtual fencing (J-20 only) video analytics based thermal imaging up to 120m
Light control on schedule, alarm or manual action

Intelligence
Communication module Solidbot Elys Air
Alarm module Solidbot Elys Gate
I/O module Solidbot Elys I/O
Sensor module Solidbot Elys Sense
Command module Solidbot Elys Connex
GPS module Solidbot Elys Trace
Video recording 1 month full D1 on event
Video triggering point and zoom on detection
Video trickling yes

Verification
Camera type day/night speed dome
Image sensor color/mono 1/3" CCD sensor, 18x optical zoom
Resolution 795x596 pixels
Focus auto/manual
Pan/Tilt Continous pan 200°/sec, tilt 100°/sec +10° -90°
Zoom 18x optical - 12x digital
Enhanced lighting IR & white LED illumination up to 120m
Wiper arm manual or on schedule
Video compression H.264, Motion JPEG
Upgradeable camera head swap possible on demand

Communication & monitoring
Dashboard user-specific interactive dashboard
Alerting method mail, sms, push iOS / Android, API
Security 256-bit encrypted VPN tunneling, user access log
Supported protocols
SSL/TLS, SNMPv1/v2c/v3, ICMP, DHCP, ARP
System integration
video available in any IP/ONVIF-based recording platform
SDK SDK optionally available
Cellular Edge/3G Lte
GPS 12 channel receiver
Wireless LAN 802.11b/g
Point to point wireless communication (option)
5GHz / 2.4GHz / 900MHz (US only)
Failover communication cellular + WAN
2-way audio communication optional