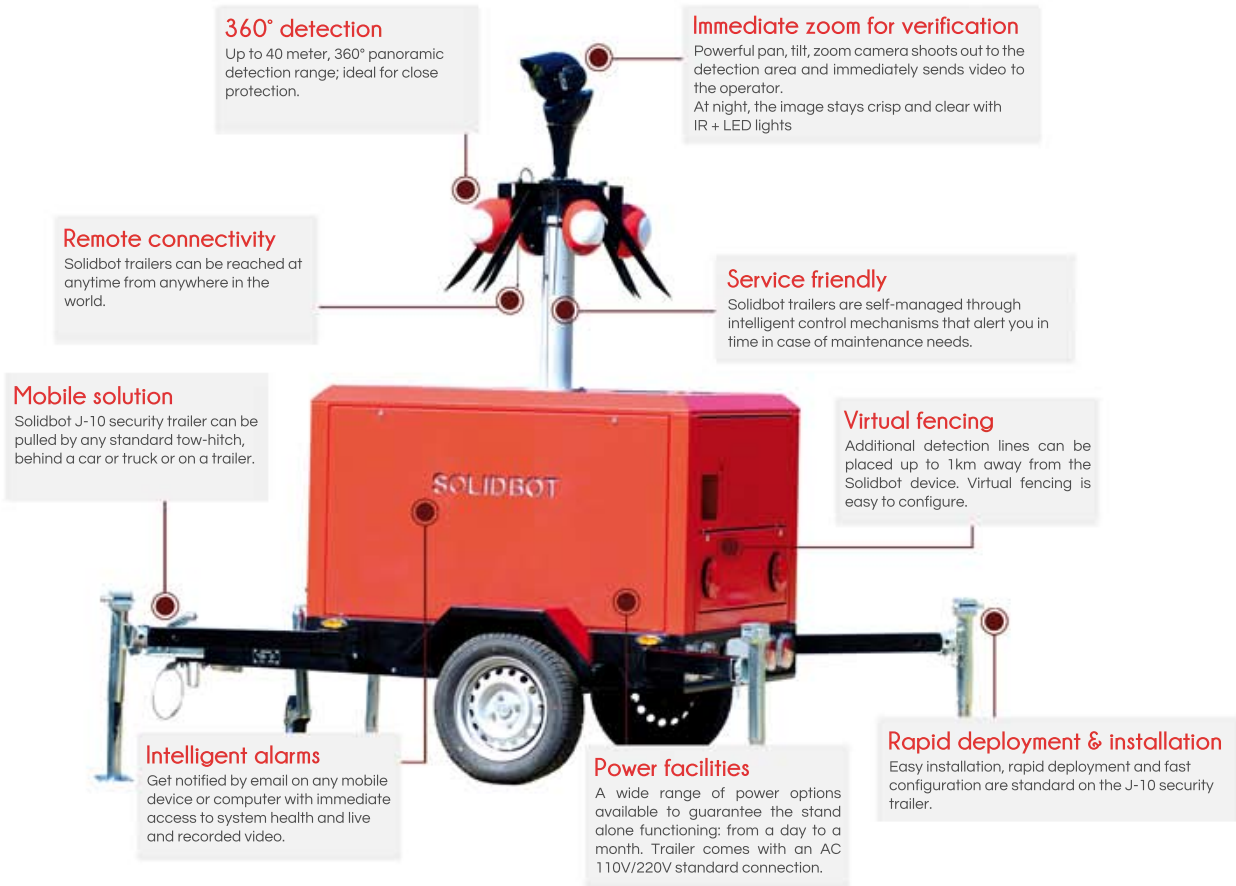


Solidbot is the worldwide leader manufacturer of intelligent, autonomous, rapid-deployment security trailers. The J-10 unit is its most popular model for surveillance of immediate surroundings and goods. The J-20's thermal camera and its advanced video analytics gives the user an extra dimension.

Key features

- Wide-area visual coverage
- Close 360° detection
- Optional thermal video analytics (J-20)
- Day/night vision under any circumstances
- Remote control via computer or mobile device
- Multiple autonomous power sources
- Turn key solution
- Anti-theft unit
- Failover communication
- Advanced environmental awareness
- Rugged design
- Patented design





Specifications

Trailer specifications

Container fitting (40 foot) 14 units per container
Weight approximately 650kg
Tow-hitch class standard 2" class 1 ball hitch
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
Locks 2 set of keys for operator and manager

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 battery only) approximately 1 week
Uptime (J-10/J-20 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 Continuous 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