



كتالوج المهام • CB-000058

GYRO STABILIZED AUTOMATIC PTZ TRACKING THERMAL CAMERA

رؤية حرارية PTZ متعددة المستشعرات للمراقبة الليلية
والتتبع التلقائي في كل الظروف

الطراز AGT-Z50II-CTVC62245-2186

الفوائد الرئيسية

- Wider detection spectrum: integrates HD visible light, MWIR thermal imaging, and optional NIR laser for complementary active/passive detection and multi-source fusion, eliminating hidden targets in day, night, and all-weather conditions
- Faster invert speed adjustment: rotation speed up to $80^{\circ}/s$ and acceleration up to $100^{\circ}/s^2$.enable quick start-stop, smooth operation, and rapid capture and tracking of moving targets
- Wider coverage: 0° – 360° pan and -90° to $+90^{\circ}$ tilt range provide dead-angle-free detection and full-dimension coverage

الوصف

تقدم كاميرا Circuitbull® AGT-Z50II-CTVC62245-2186 الحرارية المثبتة بالجيروسكوب حل مراقبة متكامل للمسافات البعيدة في جميع الظروف الجوية. تجمع بين مستشعر حراري MWIR مبرد، وكاميرا مرئية عالية الدقة فائقة الوضوح في الإضاءة المنخفضة، وبشكل اختياري إضاءة ليزر NIR أو مقياس مسافة ليزري، مما يضمن كشفاً دقيقاً للأهداف البشرية حتى 12 كم والمركبات حتى 19 كم. تدعم المنصة الذكية التتبع التلقائي للأهداف، وتحليلات التسلسل والعبور، وتصنيف الأشخاص والمركبات، والكشف عن الحرائق، مع قاعدة PTZ عالية السرعة تدور 360° باستمرار وبدقة توجيه أفضل من 0.02°. مثالية لتأمين الحدود والموانئ والبنية التحتية الحرجة، وعمليات البحث والإنقاذ، والمراقبة الليلية في الضباب والمطر والظلام التام.

نظرة عامة

- Combines visible camera, thermal imaging camera (cooled/uncooled), and optional NIR laser illumination multi-sensor modules for long-distance monitoring in total darkness and foggy/rainy environments
- Optional system enhancements include laser rangefinders, GPS, electronic compass, auto-tracking system, and AI-analysis module to achieve all-day full-dimension monitoring, positioning, tracking, and identification

التطبيقات

- Long-range perimeter and border security
- Coastal, maritime, and port surveillance
- Critical infrastructure and asset protection
- Search, rescue, and moving-target tracking
- Fire detection and early-warning monitoring
- All-weather day/night surveillance in fog, rain, and low light

المواصفات الفنية

ENHANCEMENTS	
support passive ranging; support optional laser ranging	Ranging function
support, protection from Sun Burn function	Strong light protection
non-thermal design, imaging sharpness is not affected by temperature	Temperature Correction
support multi-configuration scene, adapt to different environment applications	Scene mode
support remote auto-focus accuracy parameter adjustment, adapt to different scenarios	Auto-focus tuning
day-night cruise groups with different preset, day cruise 1-40 preset, night cruise 41-80 preset, according to the state of light automatically switch day and night, adapt to different space-time scenarios	Day-night cruise
support lens pre-position, focal length back, focal length positioning function	Lens servo
support to restore the pre-power-off position, pre-position state, cruise state, line scan state	Power-off memory
support	Off and on
support network alarm, support IP conflict alarm, support illegal access alarm (illegal access number, lock time can be set), support SD card abnormal alarm (SD space is insufficient, SD card error, no SD card), video block alarm, anti-sun damage (support threshold, block time can be set)	Camera diagnosis function
Health Index recording function, support working time, shutter times, .working temperature, limit temperature, etc	Life Cycle Management
with fault inquiry, self-examination, remote restart function; online upgrade, remote upgrade	Remote Maintenance
support keyframe interval 100-level adjustable	Keyframe settings
Support Configuration File Import and export function	Configuration File
support WEB full function configuration, remote online upgrade	Web Access
SECURITYCONTROL	
illegal access number, lock time can be set	Support illegal access alarm
authorized user name and password, support IP white list and black list, Mac White list and black list	Security mode
PTZ	
spherical, multi-dimensional free-form surface shape, small wind resistance, strong anti-shake, can resist 12 strong wind	Structure

المواصفات الفنية

PTZ	
Dual/triple windows, 2/3 band sensors, wiper	Windows
N × 360 ° continuous rotation, after power failure can be mechanically locked	Level range
with soft limit function, program can be set , ° 90 + ~ ° 90-	Pitch range
level	Rotation Speed
S 2 level, 100 ° S 2 pitch ° 100	Acceleration
with intelligent induction speed change function, support lens focal length speed adaptation function	Speed adaptation
adopting high torque rare earth permanent magnet synchronous motor direct drive, high speed start and stop	Driving mode
better than	Positioning accuracy
less than 4s	Location Time
support for horizontal and pitch zero setting	Zero setting
supports 16 cruise routes, each can support 256 preset ,3000 positions	Preset cruise
Support Preset Point Cruise, day and night cruise, line scan, frame scan, apple skin scan, scan speed can be set	Path scan
preset position/pattern scan/cruise scan/vertical scan/frame scan/panoramic scan/apple peel scan/horizontal fan scan	Over watch
turntable block and turn protection, high reliability	Motor Protection
optional two-axis gyro stabilization, pitch and roll $\leq \pm 10^\circ$, period greater than 6 seconds, los stabilization accuracy ≤ 2 mrad (RMS)	Gyro image stabilization
INTERFACE	
way RJ45,10/100base-t adaptive-1	Network interface
support HTTP, HTTPS, FTP, SMTP, DNS, NTP, RTSP, RTCP, RTP, TCP, UDP, ICMP, DHCP network protocol; support ONVIF and GB28181 protocol	Network protocol
provide free SDK, easy to use or convenient secondary development	Secondary development

المواصفات الفنية

INTERFACE	
Alloy Waterproof Aviation Plug	Physical interface
optional built-in Fiber Module, single mode fiber output, improve) (anti-interference	Optical network
POWER	
the maximum power consumption of the turntable is less than 500W and the stable power consumption is less than 150W	Power consumption
480mm ×	Dimensions
kg 85≥	H825mm Total weight
ENVIRONMENT	
C ~ + 60 °C° 40-	Working Temperature
C ~ + 70 °C° 45-	Storage Temperature
Rh 90% >	Humidity
Interface Circuit built-in surge protection, 6000V	Lightning protection
in PH	Salt spray
IP66(Ball Chamber air-tight IP67)	Protection class

بيانات فنية تجارية

ورقة البيانات - AR

ورقة ضبط الوثيقة

الجهة المُصدرة	
Volls Global Inc	المنظمة
1207 Delaware Ave #5352	العنوان المسجل
Wilmington, DE 19806	المحلية
الولايات المتحدة	الدولة
info@circuitbull.com	نقطة الاتصال
Circuitbull®	العلامة
Volls Global - volls.us	المنظمة الأم

رموز المصفوفة - امسح للفتح

04	03	02	01
			
VOLLS GLOBAL volls.us	الموقع الرئيسي circuitbull.com	العنوان المسجل 1207 Delaware Ave #5352	هذا المنتج circuitbull.com/_/ agt-z50ii-ctvc62245-2186- 739209788

بيان التوزيع

تصبح النسخة غير مضبوطة بعد الطباعة. تحقق من المراجعة الحالية عبر عنوان المنتج قبل الشراء أو الاستخدام. تعرّف هذه الصفحة الجهة المُصدرة والعناوين الرقمية لهذه الوثيقة.