



كتابالوج المهمام • CB-000033

AGT-TTVC12110C-2150 INDUSTRIAL OUTDOOR THERMAL IMAGING CAMERA FOR BUILDING INSPECTION

مراقبة حرارية ومرئية على مدار الساعة في أقصى الظروف البيئية

الطراز AGT-TTVC12110C-2150

الفوائد الرئيسية

- Integrates infrared thermal image, high-definition visible light, video coding, pan/tilt cover and control electronic system with integrated design, high concentration and easy installation and use.
- Latest-generation MEMS-based VOx detectors with NETD up to 50mK, delivering higher sensitivity, finer image quality, and less influence from fog, rain and snow.
- Unique AS optical design and high-precision optomechanical design for superior image quality.
- Excellent non-uniform image correction technology with good image uniformity and dynamic range.
- SDE image detail enhancement technology for smooth, noise-free images with multiple pseudo-color and hot black/hot white polarity modes to reveal low-contrast hidden targets.
- Full HD color/black and white dual-mode low-illumination CMOS sensor with 70x compact continuous zoom lens, small size and light weight.

الوصف

تقدم كاميرا AGT-TTVC12110C-2150 منصة مراقبة خارجية متكاملة تجمع بين التصوير الحراري غير المبرد بدقة 1024×1280 والتصوير الضوئي المرئي عالي الوضوح بدقة 2MP مع تقريب بصري مستمر 70×. تتميز بمستشعر VOX من الجيل السادس وحساسية NETD تصل إلى 50mK، مما يضمن كشفًا دقيقًا للأهداف في الضباب والأمطار والثلوج. يدعم النظام تقنية SDE لتحسين التفاصيل، وتصحيح عدم التجانس، و16 وضعًا للألوان الزائفة، بالإضافة إلى هيكل PTZ دوار 360° من الألومنيوم الكامل وحماية IP66 للعمل في درجات حرارة قصوى. مثالية للموانئ والمطارات والمنشآت النفطية والحدود والدفاع الساحلي وتطبيقات الأمن الحضري ومكافحة الطائرات بدون طيار.

نظرة عامة

- Dual-band camera based on sixth-generation uncooled infrared technology and high-definition visible-light imaging technology for remote day/night monitoring
- High-sensitivity 1280×1024 uncooled focal-plane thermal detector with AS optical miniaturized infrared lens and advanced digital circuits/image processing for fine, smooth images
- Visible channel uses full HD color/black and white dual-mode low-illumination CMOS sensor and 70× compact continuous zoom lens, greatly reducing overall size
- full-scale heavy-duty PTZ enables search and observation within 8000m 360°
- Industrial-grade embedded control electronics provide stable zoom, focus, mode switching, and PTZ/rotation control
- Super-strong aluminum alloy housing achieves IP66 protection for medium and long-term field operation in harsh environments

التطبيقات

- Seaport and airport monitoring
- Water system monitoring
- Base security monitoring
- Oilfield and oil depot security
- Fire source prevention and monitoring
- Ecological and environmental monitoring
- Border and coastal defense
- Urban security and anti-UAV applications
- Highways and railways monitoring

المواصفات الفنية

IMAGE PROCESSING	
kinds of pseudo-color images, hot black / hot white two polarities 16	Pseudo-color polarity
AGC automatic gain control, brightness, contrast	Image parameters
8X continuous zoom, support global synchronous display~1	Electronic zoom
automatic / manual correction, background correction	NUC correction
VISIBLE CAMERA	
Mega pixels, 1920×1080 2	Resolution
:color	Illumination
H.265/H.264 video format, support multi-stream	Encoding
32Kbps ~ 16Mbps, 60Hz 30 frames / sec	Video bit rate
HOUSING	
; integral aluminum alloy housing, stainless steel, anti strong wind	Material
Integral double window	Structure
; 4mm optical glass,transmission > 98%	Window glass
,PTA three-proofing coatings	Surface coating
IP66(IP67 optional)	Protection
; waterproof aviation connector	Interface
PT	
50kg PTZ	Load
° Pan 0 ~ 360 °, Tilt -45 ° ~ +45	Range
horizontal	Speed
support lens zoom, focus preset ,255	Preset position

المواصفات الفنية

PT	
±0.1°	Accuracy
support 6 cruises, 1 apple peel, 1 line sweep	Patrol sweep
Preset / Auto Cruise Route / Auto Scan Route	Watch
support (recoverable position before power-off, preset position status, cruise status, line sweep status)	Power-off memory
support angle query return, positioning	Bearing information
support north direction zero point remote correction function	Zero point correction
about 120W	Power consumption
23kg	Weight
INTERFACE	
way RJ45, 10/100 Base-T adaptive (integrated video output and 1 RS422/485 control communication)	Network interface
support TCP/IP, UDP, IPv4/v6; support HTTP, RTP, RTSP, NFS, DHCP, NTP, SMTP, SNMPv1/v2c/v3, UPNP, PPPoE, DNS, FTP; support PSIA, ONVIF2.0, GB28181 and other network protocols	Network protocol
AC/DC24V, anti-reverse protection	Power supply
alloy waterproof aviation plug	Physical interface
ENHANCEMENTS	
support, anti-sun burn function	Glare protection
no thermal image design, imaging resolution is not affected by temperature	Temperature correction
support multiple configuration scenarios, adapt to no environment application	Scene mode
support remote auto focus precision parameter adjustment, adapt to different scenes	Auto focus tuning
day and night group cruise different preset groups, day cruise 1-40 preset position, night cruise 41-80 preset position, automatically switch day and night according to the photosensitive state, adapt to different time and space scenes	Day and night cruise
support lens preset position, focal length return, focus positioning function	Lens servo

المواصفات الفنية

ENHANCEMENTS	
OSD menu remote call operation	Parameter setting
support embedded program remote upgrade for easy after-sales maintenance	Remote maintenance
POWER	
120W	Total power consumption
25kg (including Pan/Tilt)	Total weight
ENVIRONMENT	
(°C optional -40) °C60+ ~°C 25-	Working temperature
°C 70 + ~ °C45-	Storage temperature
90%>	Humidity
15g (according to the	Impact resistance
built-in surge protection of interface circuit, power supply 4000V, signal 2000V	Lightning protection
at pH	Anti-salt fog

بيانات فنية تجارية

ورقة البيانات - AR

ورقة ضبط الوثيقة

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رموز المصفوفة - امسح للفتح

04	03	02	01
			
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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.