



任務型錄 · CB-000039

AGT-HTVC6511-2132 遠距離熱成像安防攝影機 (支援移動偵測)

遠距離雙光譜熱成像，24 小時全天候智慧周界守護

型號 AGT-HTVC6511-2132

主要優勢

- 遠距離 24 小時監控
- 細膩流暢的影像
- 安裝與應用方便
- 360° 全方位 PTZ 雲台
- 高強度鋁合金，IP66 防護
- 更高靈敏度
- 適用於各種環境
- 體積小、重量輕

說明

AGT-HTVC6511-2132 是一款遠距離雙光譜熱成像安防攝影機，採用第五代 UFPA VOx 非製冷探測器，解析度 640×512 (可選 384×288)，並搭載 25-105mm 連續變焦熱成像鏡頭。可偵測車輛距離達 8.6 km、人員達 3.4 km，NETD 為 50 mK @25°C F1.0。整合的可見光通道採用 2 MP 星光級 CMOS 感光元件與 8-320mm 電動鏡頭，可選配 8W 810nm 雷射照明器以延伸夜間性能。攝影機安裝於承重 50kg 的 PTZ 雲台上，具備 360° 水平旋轉、±45° 俯仰及 255 個預設點，支援自動巡航、線掃描與斷電記憶。智慧功能包括區域/越界入侵偵測、目標追蹤、火災偵測、3D 框選變焦/定位、全景拼接及雷達連動。採用一體成型鋁合金外殼，具備 IP66 防護 (可選 IP67)，運作溫度範圍 -25°C 至 +60°C，並具備突波、振動與鹽霧防護，適用於嚴苛戶外環境。

概述

- VOx 非製冷探測器 640×512
- NETD 低於 50mK (@25°C F1.0)
- SDE 數位影像處理、AGC、2X 數位放大
- 10 種偽彩色及黑白、黑白反轉
- 智慧功能：越界/入侵偵測與目標追蹤
- 可設定 255 級警報閾值
- 先進演算法支援熱點/火災偵測與警報
- 一體成型鋁合金外殼，防水、IP66 耐候、防塵

應用

- 海港與機場監控
- 水利系統監控
- 倉儲監控
- 油田與油庫安全
- 生態與環境監測
- 邊境與海岸防禦
- 公路與鐵路監控

技術規格

THERMAL	
Field of View	30°* 23°~6.2°*4.6°
Zoom	Electric zoom
Focus	manual / auto focus, 3A adaptive active focus algorithm, support multiple trigger modes, precise high speed
Optical Machine	3CAM mode and AS+DOE optical machine structure, high infrared transmittance, no virtual focus and small axis in the zoom process
Image Enhancement	SDE digital image enhancement technology to enhance image details
Pseudo-color / Polarity	16 kinds of pseudo-color images, hot black / hot white two polarities
Image Parameters	AGC automatic gain control, brightness, contrast
Electronic Zoom	2X, 4X, support global synchronous display
NUC Correction	automatic / manual correction, background correction
VISIBLE	
Sensor Type	1/2.8" target surface star-level CMOS, integrated ICR dual filter day and night switching
Resolution	2 Mega pixels, 1920X1080
Min Illumination (Color)	0.05 Lux
Min Illumination (B/W)	0.01 Lux
Encoding	H.265/H.264 video format, support multi-stream
Video Bit Rate	32Kbps ~ 16Mbps
Frame Rate	60Hz 30 frames / sec
Local Storage	SD card local storage
Motion Detection	support

技術規格

VISIBLE	
Occlusion Alarm	support
Cross-border Detection	support
Regional Intrusion Detection	support
White Balance	support
Electronic Shutter	support
Strong Light Suppression	support
3D Digital Noise Reduction	support
Wide Dynamic	support
Anti-infrared Over Exposure	support
Lens Focal Length	8 ~ 320mm, 2 Mega pixel high-definition power zoom
Lens Focus	manual / auto focus, 3A adaptive active focus algorithm, support multiple trigger modes, precise high speed
Aperture	Automatic
Day/Night Type Light	0.4-0.75um visible light wide spectral window and 0.8-0.95um near infrared laser narrow spectrum window day and night independent double pass light window to improve imaging light and stray light signal to noise ratio
Preset Position	precision potentiometer, zoom focus feedback
LASER	
Availability	optional
Power	8W
Wavelength	810nm infrared laser
Illumination Angle	1°~ 20°, DSS digital step lighting angle control technology

技術規格

LASER	
Homogenization	GHT-II high-definition lens group ultra-homogenization patented technology, brightness balance of all focal lengths is >92%
Laser Safety	ZQB safety laser beam processing patent technology, in line with international IEC60825 safety standards
HOUSING	
Material	integral aluminum alloy housing, stainless steel, anti strong wind
Structure	Integral double window
Window Glass	4mm optical glass, transmission>98%
Surface Coating	PTA three-proofing coatings
IP Rating	IP66 (IP67 optional)
Thermal Balance Design	applied thermal balance design and wide temperature electronics, which could operate under high / low temperature
Connector	waterproof aviation connector
PTZ	
Load	50kg
Pan Range	0 ~ 360°
Tilt Range	-45°~ +45°
Horizontal Speed	0.01°/S ~ 30°/S
Pitch Speed	0.01°/S ~ 15°/S
Speed Adaptive	support lens focal length speed adaptive function
Preset Positions	255, support lens zoom, focus preset
Accuracy	±0.1°
Patrol Sweep	support 6 cruises, 1 apple peel, 1 line sweep

技術規格

PTZ	
Watch	Preset / Auto Cruise Route / Auto Scan Route
Power-off Memory	support (recoverable position before power-off, preset position status, cruise status, line sweep status)
Bearing Information	support angle query return, positioning
Zero Point Correction	support north direction zero point remote correction function
Power Consumption	about 100W
Weight	15kg
INTERFACE	
Network Interface	1 way RJ45, 10/100 Base-T adaptive (integrated video output and RS422/485 control communication)
Network Protocol	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
Physical Interface	alloy waterproof aviation plug
POWER	
Power Supply	AC/DC24V, anti-reverse protection
Total Power Consumption	150W
WEIGHT	
Total Weight	35kg (including Pan/Tilt)
ENVIRONMENT	
Working Temperature	-25°C~ +60°C (optional -40°C)
Storage Temperature	-45°C~ +70°C
Humidity	<90%
Earthquake Resistance	0.2g (according to the 5.4 severity level 2 of GB/T15211-2013)
Impact Resistance	15g (according to the 5.3 severe level 3 of GB/T15211-2013)
Lightning Protection	built-in surge protection of interface circuit, power supply 4000V, signal 2000V

技術規格

ENVIRONMENT	
Anti-salt Fog	at pH 6.5 ~ 7.2, continuous spraying for 96 hours, no change in surface
ENHANCEMENTS	
Glare Protection	support, anti-sun burn function
Temperature Correction	no thermal image design, imaging resolution is not affected by temperature
Scene Mode	support multiple configuration scenarios, adapt to various environment applications
Auto Focus Tuning	support remote auto focus precision parameter adjustment, adapt to different scenes
Day/Night Cruise	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
Lens Servo	support lens preset position, focal length return, focus positioning function
OSD Menu	OSD menu remote call operation
Remote Maintenance	support embedded program remote upgrade for easy after-sales maintenance
Alarm Threshold	255 level alarm threshold can be setup
Fire Detection	support shot-point / fire detection and alert
OPTIONS	
Wiper	optional built-in wiper
Window Cleaning	optional external small spray device, self-storing water, no damage to ice, no impact on host function
Expansion Module	optional Beidou / GPS, laser ranging and other extended functions
Optical Network	optional built-in fiber module, single-mode fiber output, improve anti-interference
INTELLIGENT FUNCTIONS	
Regional Intrusion Detection	support
Cross-border Intrusion Detection	support
Multi-scene Group Cruise Detection	support

技術規格

INTELLIGENT FUNCTIONS	
3D Frame Selection Zoom / Positioning	support
Automatic Tracking	support
Panoramic Stitching	support
Radar Linkage	support (requires key area prevention software)

文件管制頁

發行機構	
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母機構	Volls Global · volls.us

矩陣碼 · 掃描以開啟			
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