

Argus Information Technology Co.,Ltd

Add: Future Venture Plaza, 3rd Gangxing Rd, Hi-tech Zone, Jinan City, China

Tel: +86-531-8887 8896

WhatsApp: +86 186 1531 1386

Email: info@argustecn.com

Website: https://www.argustecn.com/

Argus Information Technology Co.,Ltd

COMPANY PROFILE

Argus Information Technology Co.,Ltd is located in Jinan City. With independent core technology of thermal imaging and laser infrared imaging, we are specialized in manufacturing night vision camera & system solution. The company devotes to night vision field and related technology to supply best products & service to customers worldwide.

The company always try to supply our positive and responsible employees with a better stage as they are base of company long-term development. Therefore the company comply simple and friendly management method to create a nice working environment, and appreciate honesty and responsibility to progress the quality of both products & service.

The company holds a group of high-educated R&D expert and experienced seller. We have successfully developed laser infrared camera, thermal imaging camera, laser inspection system for China high-speed railway, automatic photoelectronic camera, distance measurement equipment etc. Our products have been worldwide used in railway, freeway, border defense, city security, forest fire prevention, airport and oilfield. The company will keep exploring further market, paying attention to photoelectronic technology and doing all what we could to be a global photoelectronic equipment and system supplier.







Application Pictures

ARGUSTEC
Argus Information Technology Co.,Ltd


Coastal Surveillance


Border Surveillance


Aquaculture Monitoring


City Surveillance


Shrimp Farm Surveillance


Military Vehicle Mount


Law-Enforcing Department


Farm Monitoring


Marine Surveillance


Railway Surveillance


Park Safety Monitoring


Forest Fire Surveillance


Railway Surveillance


Airport Security Monitoring


Seaport Surveillance

CONTENTS



Border and Coastal Defense Prevention and Control System ……01



Marine/Vehicle Mounted PTZ System 03



Anti-UAV Automatic Defense Surveillance System 05



Aquaculture Safety Monitoring System 07



Airport Security Monitoring System 09



Forest Fire Protection System 11



Intelligent Traffic Management System 13



Infrared Body Temperature Screening System 17



Oilfield Safety Management and Control System 19



Night Vision Infrared Telescope..... 21

Border and Coastal Defense Intelligent Prevention and Control System

Introduction:

The border/coastal defense intelligent defense system uses photoelectric detection technology, radar detection technology, intelligent analysis technology, and information fusion technology, aiming to: build a set of intelligent multi-dimensional security protection systems; realize the round-the-clock monitoring of key border areas and borders; alleviate effectively the insufficient patrol force. The system can help release the pressure brought by the management and control of border areas and crackdown on illegal activities.

Application Effect:





Applications:









Technical Specification:

System Indicators

	AGT-HTVC Dual Sensor Intelligent Camera		AGT-Z50 Multi-Sensor Intelligent Camera
			
Detection Distance	Vehicle: 18000m Human: 8000m	Detection Distance	Vehicle: 19000m Human: 12000m
Recognition Distance	Vehicle: 6000m Human: 2600m	Recognition Distance	Vehicle: 9000m Human: 4500m
Thermal Camera	Uncooled FPA VOx detector	Uncooled Thermal Camera	Detector: uncooled FPA VOx detector Resolution: 640*512/1280*1024 Lens : 105mm/155mm/190mm optional
	Resolution: 640*512 / 384*288 Lens: 75mm/105mm/155mm/190mm/ 230mm/300mm optional	Cooled Thermal Camera (optional)	Detector: Medium wave refrigerated mercury cadmium telluride (MCT) infrared focal plane Resolution: 640*512 Lens focal length: 22 ～ 450mm lens
Visible Light Camera	Resolution: 2 MP / 4 MP Lens focal length: 320mm/500mm/800mm/1000mm Lens control: electric zoom, auto focus Interface and video format: IP network output, H.265/H.264	Visible Light Camera	Resolution: 2 MP / 4 MP Lens focal length: 320mm/500mm/800mm/1000mm Lens control: electric zoom, auto focus Interface and video format: IP network output, H.265/H.264
		Laser Illuminator	Wavelength: 808nm/940nm Power: 8W/10W/15W/20W
Intelligent Analysis	Temperature display function, hot spot alarm, motion detection / intrusion / cross-line / entering/ leaving / hovering / gathering / fast moving / blocking/tracking		
Enhanced Function	Strong light protection, temperature correction, scene mode, auto focus, day and night cruise , parameter setting, remote maintenance	Rotation Range	Level: N*360° (continuous); Pitch: -90° ～ +90°
Pan Tilt	50kg PTZ Range: Level 0 ～ 360° Pitch -45° ～ +45° Speed: Level 0.01° /s ～ 30° /s Pitch 0.01° /s ～ 15° /s	Rotation Speed	Level: 0.01° ～ 80° /s; Pitch: 0.01° ～ 60° /s
		Data Feedback	Support real-time/query return and positioning functions for level and pitch angles
		Size& Weight	Φ480mm×H825mm Total weight: ≤ 85kg (including load)
Electrical Interface	1 * RJ45, 1 * DC24V 10/100M adaptive Ethernet port Alloy waterproof aviation plug	Electrical Interface	1*10M/100M adaptive Ethernet port 1* DC48V Military-grade aviation waterproof plug
Environmental Indicators	Working temperature: -35℃～ +55℃ (-40℃～ +60℃ optional), IP66		

Marine/Vehicle Mounted PTZ System

Gyro Stabilized Marine PTZ System:

The gyro-stabilized marine PTZ system integrates HD visible light camera, cooled/uncooled thermal imaging, laser ranging/illumination, high-precision gyro image stabilization, automatic tracking module, and precision electronic control system. It can be installed on large ships, unmanned boats, law enforcement ships, marine mobile carriers such as fishery administration ships, and maritime surveillance ships. The system can be used to achieve stable acquisition of long-distance sea and aerial target images under complex sea conditions, and to realize functions such as surveillance, obstacle avoidance, search, alert, follow-up, and evidence collection.





Rugged Mobile Night Vision System:

The rugged mobile night vision system has advantages of strong maneuverability, rapid response, and high work efficiency, which facilitates the realization of mobile reconnaissance. The vehicle-mounted wireless video monitoring system can be installed on special vehicles such as off-road vehicles, transport vehicles, official vehicles, wheeled armored vehicles, etc. It integrates video capture, LRF, directional positioning, gyro image stabilization, video storage, wireless transmission, and other functions. It can record and transmit videos while the vehicle is driving.





Technical Specification:

System Indicators	AGT-ZS20 GIS Gyro Mini PTZ Camera		AGT-BRC Vehicle Mounted Rugged Camera	
				
	Distance	Detection ⩾ 20km for ship Recognition ⩾ 10km for ship	Distance	Day:2000m; Night:1000m
	Visible Light Camera	Resolution: 2 MP / 4 MP Lens: 8~320mm Lens control: Electric zoom, auto focus Interface and Video Format: IP Network Output; H.265/H.264	Visible Light Camera	1/2.8''B&W Sony CCD, 2MP, 1920X1080, automatic ICR switch
				Lens: 141mm/180mm/240mm/330mm (optional)
				Min.llumination: 0.005lux B/W 0.05lux Color
	Cooled Thermal Camera (optional)	Detector: MWIR MCT detector Resolution: 640*512 Lens : 300mm zoom lens	Laser Illuminator	Consumption:5W, 808nm , NIR
				Laser Lens:30mm F1.4 telephoto lens GHT-II homogenizing
				Laser Angle:1.2° ～40°
	Uncooled Thermal Camera	Detector: uncooled FPA VOx Resolution:640*512 Lens: 50mm/75mm/100mm continuous zoom lens		DSS digital illumination control min 0.1° illumination zooming, manual / automatic
				0.01° SLM automatic axis automatic aiming and locking
	Laser Illuminator	Wave length: 808nm Consumption: 5W	Interface	RJ45, 10M/100M adaptive Ethernet, TCP/IP, RTP/RTCP, HTTP
	Laser Range Finder	Range: 50 ~ 3000m/5000m optional Accuracy: ± 3m, frequency: 0.2Hz, Wave length: 1570nm	Compatibility	Support ONVIF
			Preset	⩾ 255
	Rotation Range	Level: N* 360 ° (continuous) Pitch: -90° ~+90°	Rotation Range	Level: 0° ~360° (continuous) Pitch:-90° ~+ 90°
	Rotation Speed	Level: 0.01 ° ~ 100 ° / s Pitch: 0.01 ° ~ 80 ° / s	Rotation Speed	Level: 0° ~100° / s Pitch: 0° ~80° / s
	Gyro Stabilization	2-axis, ＜0.1° RMS	Power Supply	AC24V/2.5A, DC12V/3.5A, common ⩽ 40W, peak ⩽ 60W
	Size and Weight	Φ280mm×H430mm Total weight: ⩽18kg (including load)	Size and Weight	400mm×280mm ⩽ 7kg
	Environmental Indicators	Working temperature: -35℃～+55℃ (-40℃～+60℃ optional), IP67		Working temperature: -35℃～+55℃ (-40℃～+60℃ optional), IP66

Anti-UAV Automatic Defense Surveillance System

Introduction:

As the "black flying" incident has caused a greater security threat, the safety issues of drones have been gradually awakened globally. On the basis of a self-developed precision photoelectric system, Argus has deeply integrated radar, RF scanner, radio interference, navigation deception, pilot positioning, and other equipment together. Through the development of an integrated comprehensive management and control platform, an advanced anti-UAV automatic defense system integrating detection, reconnaissance, control, interference, and capture has been constructed, which can effectively guarantee the low altitude in key areas throughout all day, all time, and all dimensions.

Applications:





Argus anti-UAV automatic defense system integrates HD visible light, near-infrared laser, medium-wave/ long-wave thermal imaging, and other detection equipment, cooperating with multi-band jammers for interception and countermeasures. The system has the ability to secure key areas throughout the day, time, and dimension. At the same time, the intelligent control, intelligent management, and AI analysis modules were developed based on deep learning algorithms, enabling the system to have functions such as automatic capture, stable tracking, and target recognition. The equipment can work independently or linked with the radar, and realize the rapid acquisition, tracking, and identification of the target according to the guidance information sent by the radar.

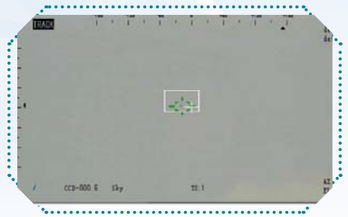
Application Effect:



1km



10km



15km

Technical Specification:

AGT-DMA Anti-UAV Automatic Defense Surveillance System		
System Indicators		
Recognize Distance	1500m for UAV (30cm*30cm size)	3500m for UAV (30cm*30cm size)
Uncooled Thermal Camera	Detector: Long-wave uncooled FPA VOx detector Resolution: 640*512/1280*1024 Lens : 75mm/105mm/155mm/190mm optional	
Cooled Thermal Camera (optional)	Detector: MWIR MCT detector Resolution: 640*512 Lens : 300mm continuous zoom lens	
Visible Light Camera	Resolution: 2 MP / 4 MP Lens : 320mm/500mm/800mm/1000mm optional Lens Control: electric zoom, manual/auto focus	
Laser Illuminator	Range: 808nm/940nm optional Consumption: 8W/10W/15W optional	
Laser Range Finder	Ranging range: 50～3000m, 50～5000m, 100～8000m optional Ranging accuracy: ±3m; Frequency: 0.2Hz; Wavelength: 1570nm Interface: RS422 control	
Rotation Range	Level: N* 360 ° (continuous); Pitch: -90° ~+90°	
Rotation Speed	Level: 0.01 ° ~ 80 ° / s; Pitch: 0.01 ° ~ 60 ° / s Acceleration: Level: 100° / s² ; Pitch: 100° /s²	
Positioning Accuracy	0.02°	
Turntable Zero Position	Zero setting (horizontal, pitch); automatic north; automatic zero adjustment	
Cruise Scan	≥255 presets, auto homing / line scan / cruise	
Feedback	Support real-time / query return and positioning functions of level and pitch angles	
Track Mode	Manual control tracking, radar linkage automatic tracking Front-end module automatic tracking, back-end software automatic tracking	
Electrical Interface	1 *10M/100M adaptive Ethernet port; 1* DC48V Military-grade aviation waterproof plug	
Dimensions	235mm×320mm×370mm	572mm×472mm×652mm
Environmental Indicators	Working temperature: -35℃～+55℃ (-40℃～+60℃ optional), IP66	

Aquaculture Safety Monitoring System

Introduction:

Marine aquaculture has a wide distribution area with monitoring distance ranging from hundreds to thousands of meters, which means "Anti-theft" will be the key difficulty for such a large area. So it is important for aquaculture farmers to install a remote monitoring system for the sea area, that not only can avoid the huge loss of being stolen, but also save the personnel on duty for inspection. High-definition visible light cameras can be used during the day, and infrared thermal imaging can be used to monitor the breeding area at night or foggy days, so as to achieve all-weather monitoring.

Applications:










Technical specification:

System Indicators

AGT-TRC Muti Sensor PTZ Camera		AGT-BTVC Dual Sensor PTZ Camera	
			
Detection Distance	Vehicle: 17400m Human: 6800m	Detection Distance	Vehicle: 8600m Human: 3400m
Recognition Distance	Vehicle: 4800m Human: 1800m	Recognition Distance	Vehicle: 2400m Human: 900m
Thermal Camera	Detector: uncooled FPA VOx Resolution: 640*512/1280*1024	Thermal Camera	Detector: uncooled FPA VOx Resolution: 384*288/640*512
	Lens:75mm/105mm/155mm/190mm/ 230mm optional		Lens:50mm/75mm/105mm optional
Visible Light Camera	Sensor: Back-illuminated ultra-low illumination starlight CMOS	Visible Light Camera	1/2.8'' CMOS, HD 2.1 MP, 1920X1080, Auto ICR switch,color to B/W mode
	Lens: 320mm/500mm/800mm/1000mm		Lens: 141mm/180mm/240mm/330mm (optional)
Laser Illuminator	Wavelength: 810nm	Rotate Range	Level：0° ~360° continuous Pitch: -90° ~+ 90°
	Consumption: 8W/10W/12W/15W/20W	Rotation Speed	Level: 0° ~100° / s Pitch: 0° ~80° / s
Intelligent Function	Intelligent Analysis: intrusion detection, cross-line detection,entry/exit detection, automatic follow-up tracking, intelligent information overlay, sound and light alarm, privacy mask, alarm management	Protocol	Pelco-D/P and other main protocols
		Scan	3(user can set the starting and end point; adjustable scanning speed;)
Pan Tilt	50kg load	Path	6(16 points for each path, adjustable duration on each point)
	Range: Level: 0° ～ 360° Pitch :-45° ～+45°	Menu	English/Spanish
	Speed: Level: 0.01° /s～30° /s Pitch: 0.01° /s～15° /s	Auto Homing	Homing time(1-99mins), homing action(preset/scanning/path/pattern)
	Preset ⩾255	Preset	⩾255
Electrical Interface	1 *RJ45, 10/100M adaptive Ethernet port; 1 * DC24V Alloy waterproof aviation plug	Electrical Interface	1 *RJ45, 10/100M adaptive Ethernet port; AC24V/2.5A Alloy waterproof aviation plug
Environmental Indicators	Working temperature: -35℃～+55℃ (-40℃～+60℃ optional), IP66		

Airport Security Monitoring System

Introduction:

With the rapid development of public transportation, air travel has become a convenient and fast travel option. So as the importance of public transportation safety has been increased. Unexpected accidents at the airport, such as flying drones, flying birds, violent terrorists, and undercarriage that cannot be opened normally, can bring fatal consequences for flight safety.

As a manufacturer of special optoelectronics, Argus always focuses on building safety construction of military. Applying multispectral photoelectric detection technology, automatic tracking technology, image recognition technology, and intelligent analysis technology, Argus developed FOD detection, UAV Tracking /identification, perimeter intrusion, and land monitoring solutions for military and civilian airports.

Applications:



Technical Specification:

System Indicators	AGT-DTVC Dual Sensor Dome Thermal Camera		AGT-TC Long Range Thermal Imaging Camera	
				
	Detection Distance	Vehicle: 4200m Human: 1640m	Detection Distance	Vehicle: 22000m Human: 18000m
	Recognition Distance	Vehicle: 1200m Human: 600m	Recognition Distance	Vehicle:15000m Human: 9000m
	Thermal Camera	Detector: uncooled FPA VOx	Uncooled Thermal Camera	Detector: uncooled FPA VOx
		Resolution: 640*512/384*288		Resolution:640*512/1280*1024
		Lens: 20mm/30mm/50mm		Lens:75mm/105mm/155mm/190mm/ 230mm optional
		NETD: 50mK		NETD: 50mK
	Visible Light Camera	Sensor: Back-illuminated ultra-low illumination starlight CMOS	Cooled Thermal Camera (operational)	Detector: MWIR MCT detector Resolution：640*512 Lens : 300mm / 450mm / 660mm / 800mm /1100mm zoom lens NETD: 25mK
		Lens: 5.5mm～180mm		
	Smart Function	Hot spot alarm/temperature display/ intrusion detection		
	Lens Control	Electric zoom; auto focus	Lens Control	Electric zoom; auto focus
	Pan Tilt	Range: Level 0~360° continuous	Pan Tilt	Range: Level: 0°～360° Pitch :-45°～+45°
		Speed: Level: 0.1°～120° /s, Pitch: 0.1°～100° /s		Speed: Level: 0.01° /s～30° /s Pitch: 0.01° /s～15° /s
		Preset ≥255		50kg load Preset ≥255
	Electrical Interface	1 *10M/100M adaptive Ethernet port; 1 * DC24V	Electrical Interface	1 *RJ45, 10/100M adaptive Ethernet port; 1 * DC24V Alloy waterproof aviation plug
	Environmental Indicators	Working temperature: -35℃～+55℃ (-40℃～+60℃ optional), IP66		

Forest Fire Protection System

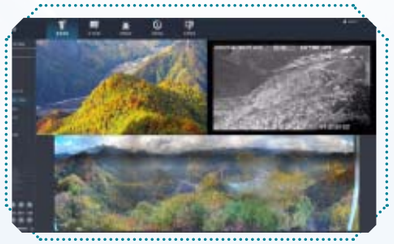
Introduction:

Forest fire is the most dangerous enemy of the forest, which brings harmful and devastating consequences to the forest. Forest fire prevention and control is a worldwide problem. To fight with forest fire, early detection and early control" is an effective way to improve fire prevention efficiency.

The integrated Fire Alarm Monitoring System independently developed by Argus consists of hot spot intelligent detection/warning thermal imaging cameras and dedicated FR4000 fire warning software.

Dual-sensor hot spot detection cameras are developed based on the latest generation of uncooled infrared technology and continuous zoom infrared optical technology. It uses a high-sensitivity 640X512 resolution uncooled Vox detector, built-in intelligent analysis module, hot spot detection algorithm, which can automatically detect long-distance flames, vehicles, personnel, and other heat source targets (over 10km).

Applications:



Technical Specification:

System Indicators

AGT-TTVC Dual sensor Intelligent camera		AGT-DMS Multi-Optical IoT Smart Camera	
			
Detection Distance	Vehicle: 17400m, Human: 6800m Fire Detection:10km (@2×2m)	Detection Distance	Vehicle: 8400m, Human: 3280m Fire Detection:5000m (@2×2m)
Recognition Distance	Vehicle: 4800m, Human: 1800m	Recognition Distance	Vehicle: 2400m, Human: 1000m
Thermal Camera	Detector: UFPA VOx detector Resolution:640*512/1280*1024 Lens:75mm/105mm/155mm/190mm/ 230mm optional	Thermal Camera	Detector: UFPA VOx detector Resolution: 384*288/640*512 Lens : 50mm/75mm/100mm optional
Visible Light Camera	Sensor: Back-illuminated ultra-low illumination starlight CMOS Lens: 320mm/500mm/800mm/1000mm optional	Visible Light Camera	Sensor: Back-illuminated ultra-low illumination starlight CMOS Lens: 7～330mm
Intelligent Analysis Function	Temperature display function, hot spot alarm, motion detection/intrusion/ cross-line/entering/leaving/hovering/ gathering/fast moving/blocking/tracking	Laser Illuminator	Light source Latest infrared GHT-III HD laser homogenization
Enhanced Function	Strong light protection, temperature correction, scene mode, Auto focus tuning, day and night cruise, Lens servo, parameter setting, remote maintenance	Dimensions and Weight	312mm×200mm×296mm (length×width×height) ≤ 10kg
Pan Tilt	50kg PTZ Range: Level 0～360° Pitch: -45°～+45° Speed: Level 0.01°/s～30°/s Pitch: 0.01°/s～15°/s Preset ≥ 255	Micro PTZ	Rotation Angle: Level: 360° continuous rotation; Pitch: -90°～+90° Rotation Speed: Level: 0.01°/s～100°/s Pitch: 0.01°/s～80°/s
Electrical Interface	1 * RJ45, 10/100M adaptive Ethernet port; 1 * DC24V Alloy waterproof aviation plug	Electrical Interface	1 * RJ45 10M/100M adaptive Ethernet port 2 *alarm inputs, 1 *alarm output 1 *audio input, 1 *RS485
Protection Level	IP66	Protection Level	IP67
Environmental Indicators	Working temperature: -35℃～+55℃ (-40℃～+60℃ optional)		

Intelligent Traffic Management System

Introduction:

The system mainly consists of a long-distance laser night vision system, a transmission system, and a back-end monitoring center. According to the scope of the area to be monitored, a camera is installed on the pan/tilt that can be controlled by the control center. The video signals and control signals are encoded by the video server and then transmitted to the control center by optical fiber. Video images and alarm information can be displayed in real-time on the back end. Once suspicious targets, vehicle activities, or cross-border behaviors happened, control signals will be sent to the control center system and the camera will track the target automatically. The control center can analyze the situation and issue command orders to the patrol personnel.

Applications:



Application Effect:



Classification and recognition of people and cars



Intrusion detection and tracking

Technical Specification:

System Indicators

	AGT-RC Intelligent Traffic PTZ Camera		AGT-TTVC Dual Sensor Intelligent Camera
			
Detection Distance	Night: Max.4500m, Day: Max.15000m	Distance	Detection 18km for vehicle Recognition 6km for human
Visbile Light Camera	Sensor: Back-illuminated ultra-low illumination starlight CMOS Lens: 320mm/500mm/800mm/1000mm		
Laser Illuminator	940nm 10W/12W/15W/20W Latest infrared GHT-III HD laser homogenization light source, 600μm cross-sectional imaging lens, multi-layer near infrared antireflection coating, high-efficiency laser coupling	Thermal Camera	Detector: UFPA VOx detector Resolution:640*512/1280*1024 Lens:75mm/105mm/155mm/190mm/ 230mm/300mm optional
Smart Function	Latest analysis: intrusion detection, cross-line detection, entry/exit detection, automatic tracking, intelligent information overlay, sound and light alarm, privacy mask, alarm management		
Distance and Angle Matching	Automatic tracking/manual fine-tuning intelligent matching; DSS digital lighting angle control, with an accuracy of 0.1° ; Laser angle and imaging magnification matching algorithm; Laser synchronization effect adjustment switching mode; SLM double optical axis self-locking alignment, accuracy 0.01°		
Pan Tilt	Load: 30/50kg Range: Level 0～360° , pitch -45° ～+45° Speed: Level 0.01° /s～30° /s, pitch 0.01° /s～15° /s Preset ≥255		
Electrical Interface	1 * RJ45, 10/100M adaptive Ethernet port; 1 * DC24V Alloy waterproof aviation plug		
Environmental Indicators	Working temperature: -35℃～+55℃ (-40℃～+60℃ optional), IP66		

Infrared Body Temperature Screening System

Introduction:

This system is a real-time online temperature measurement system designed to prevent and control epidemics. With 24/7 temperature monitoring for the Covid-19 and the aquaculture epidemic, It can quickly and accurately find people and livestock with abnormal body temperatures. It is convenient for epidemic prevention and control personnel to take timely isolation and treatment measures for suspicious objects, so as to prevent the virus from spreading on a large scale and causing more infections of people and livestock.

The system includes a temperature measuring thermal imager and a control computer. The equipment consists of temperature measurement cameras, sound/light alarm equipment, and high-precision standard blackbody (optional), Used for data collection and over-temperature sound and light warning; The control computer is equipped with temperature measurement management software, which is used for the management of front-end equipment, historical data statistical analysis, abnormal temperature warning, and extended linkage command system, etc.

This system comprehensively uses thermal imaging temperature measurement technology, infrared thermal imaging technology, computer vision technology, intelligent analysis technology, etc. It has the characteristics of no contact, large coverage area, high-temperature measurement accuracy, and rapid response. And It can be widely used in comprehensive transportation hubs such as airports, railway stations, passenger stations, subway stations, schools, comprehensive parks, and other crowd gathering areas, as well as areas such as pig houses in livestock breeding factories.

Application Effect:



Screening Guide Layout:



Connection Diagram

Applications:









Technical Specification:

System Indicators

AGT-HTS Temperature Measurement Screening Software		AGT-BLB Black Body	
			
Safety	Use infrared non-contact body temperature detection to reduce the risk of cross-infection	Operating Temperature	35℃-42℃ (room temp. requires 22℃)
Efficient	Can detect multiple people/livestock at the same time, the detection time is less than 1 second	Control Method	PID automatic control
Precise	High-precision non-contact accuracy better than ±0.3℃	Temperature Resolution	0.1℃
Stabilization	With automatic temperature detection and calibration function, high stability long-term temperature measurement	Radiating Surface	80mm*80mm
Real-time Display	Large-scene high-resolution infrared imaging, accurately locking people/livestock with abnormal body temperature	Muzzle Firing Rate	≥0.95
Smart Alarm	Support temperature threshold setting and automatic screening and early warning mechanism, real-time alarm for abnormal body temperature	Temperature Stability	±0.3℃
Full-time Work	It can realize 7×24 real-time rapid body temperature screening and early warning intervention	Temperature Uniformity	≤0.15℃
Traceable	Combined with the platform, it can realize the backtracking, analysis, mining of historical data	Power Supply	220V AC
Scalable	The emergency command system can be linked to realize rapid response and real-time processing	Weight	2KG
Easy To Deploy	Intelligent temperature measurement thermal imaging camera + ordinary PC constitutes a small temperature measurement station, which supports offline, online deployment	Dimensions	195mm×150mm×160mm
Environmental Adaptation	It can be applied to scenes such as densely populated/breeding farms		

Technical Specification:

System Indicators

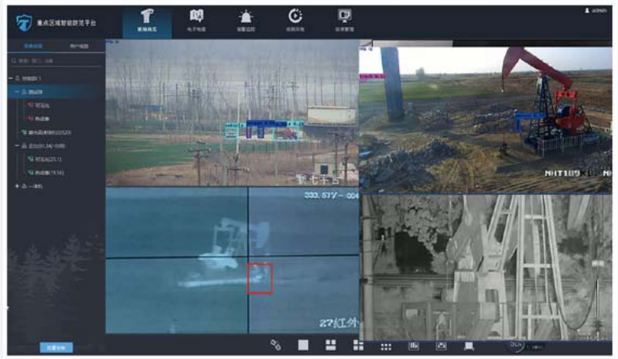
AGT-KMS Temperature Dual Sensor Camera			AGT-KTC Temperature Thermal Sensor
			
Measurement Range	30℃~45℃, temperature accuracy error ±0.3℃		
Thermal Camera	Detector: UFPA VOx detector	Thermal Camera	Detector: UFPA VOx detector
	Resolution: 384*288		Resolution: 384*288
	Lens: 13mm		Lens: 13mm
	FOV: 28.2° ×21.3°		FOV: 28.2° ×21.3°
Image Enhancement	SDE technology, supports 255-level thermal image enhancement adjustment	Image Enhancement	DDE digital detail enhancement, 3D digital noise reduction, no bright spots and dark spots in the field of view
Visible Light Camera	Sensor:Back-illuminated ultra-low illumination starlight CMOS	Temperature Measurement Display	The highest temperature display of the scene
	Pixel: 5 MP	Electronic Zoom	1.0～8.0 continuous zoom
Weight	≤1.5kg	Measure Distance	2.0 m
Smart Function	Fire detection and alarm, intelligent analysis: intrusion detection, cross-line detection, entry/exit detection, automatic tracking, intelligent information overlay, sound and light alarm, privacy mask, alarm management		
Enhanced Function	Camera diagnosis, information storage, life-span management, address filtering, network disconnection, power-off memory, key frame settings, configuration files	Temperature Measurement Method	Point temperature measurement, full-screen temperature information return
Protection Level	IP67	Protection Level	IP65
Electrical Interface	1*RJ45 10M/100M adaptive Ethernet port. Expandable RS-485/RS422; Expandable alarm output	Resolution	1280 * 720 / 640 * 480 / 384 * 288 Default 1280 * 720
Power Supply	DC12V		
Dimensions	310mm×160mm×116mm (length x width x height)	Dimensions	91mm×48mm×54mm (length x width x height, including lens)
Installation Method	Wall mount, pole mount, tripod		
Working Temperature	10℃～30℃		

Oilfield Safety Management and Control System

Introduction:

This system is composed of: the front-end image acquisition system, the video transmission system, and the back-end monitoring management command system. The system meets the needs of central networking and multi-level networked video surveillance.

24-hour real-time monitoring of oilfield safety reduces the labor intensity of monitoring personnel and provides a guarantee for the command of the monitoring center.



DF2000 Key Area Security System Software

The data of the front-end image acquisition system can be transmitted to each acquisition station, work area, and factory monitoring center. The video decoder device restores the video signal to the data receiver to complete the data acquisition, transmission, and analysis.

The oilfield remote video monitoring center is set up in the oilfield production management center. That controls all front-end monitoring points in one video surveillance platform. The system sets up a disk array for 24-hour all-day video data storage, to realize the functions of monitoring, recording, saving, playback, and alarming.

Applications:



Technical Specification:

System Indicators

	AGT-EP-TC Explosion-Proof Thermal Imaging Camera		AGT-EP-HTRC Explosion-Proof Muti-Sensor PTZ Camera
			
Temperature Range	-20℃－120℃, can be extended to 550℃		
Explosion-Proof Mark	Ex d Ⅱ C T6 Gb /Ex tD A21 IP68 T80℃		
Detection Distance	Vehicle: 2100m, Human: 8300m Fire Detection:1km (@2×2m)	Detection Distance	Vehicle: 6000m, Human: 2300m Fire Detection:2.8km (@2×2m)
Recognition Distance	Vehicle: 600m Human: 250m	Recognition Distance	Vehicle: 1700m Human: 700m
Thermal Camera	Detector: Uncooled FPA VOx Resolution: 640 *512/384*288 Lens: 13mm/19mm/25mm	Thermal Camera	Detector: Uncooled FPA VOx Resolution: 640*512/384*288 Lens: 30mm/50mm
Image Processing	Image enhancement, pseudo-color polarity, image parameters, electronic zoom, NUC correction	Visible Light Camera	Starlight level CMOS on target surface, integrated ICR double filter Switch day and night.
		Night vision	300m
Temperature Measurement Function	Support multiple temperature measurement modes such as global high and low temperature tracking, global average temperature, point, line, rectangle, etc., multiple temperature measurement objects can be added; support for temperature measurement parameter correction settings		
Over Temperature Warning	Absolute temperature threshold and relative airspace value can be set. When the temperature exceeds the threshold, it can alarm with sound or light; reserved switch alarm output, which can be linked with fire extinguishing system and broadcasting system		
Alarm Log	Real-time recording of temperature data of each object, automatic generation of change trend curve		
Smart Function	Fire detection and alarm, intelligent analysis: intrusion detection, cross-line detection, automatic tracking of entry/exit detection, intelligent information overlay, sound and light alarm, privacy mask, alarm management		
Electrical Interface	1 * RJ45, 10/100 Base-T adaptive Power supply: DC12V	Electrical Interface	1 * RJ45, 10/100 Base-T adaptive Power supply: AC85V~AC265V
Protection Level	IP68		
Environmental Indicators	Working Temperature: -40℃～+60℃		

Night Vision Infrared Telescope

AGT-MTC4102 Thermal Imaging Monocular



- Detection: Vehicle 1800m, Human 800m
  Recognition: Vehicle 750m, Human 550m
- High Imaging Quality: VOx detector 384*288/ 640*512
- High Imaging Frequency: 50HZ
- Build-in Video Recorder and WIFI connection
- Color Palettes: Black-hot, White-hot, Red-hot, Iron
- Hot Target Tracking
- IP66, anti-dropping

AGT-MTC6107 Thermal Imaging Binocular



- Detection: Vehicle 5800m, Human 2000m
  Recognition: Vehicle 1600m, Human 1000m
- Thermal imaging: 384/640 VOx detector, focal length 50mm/75mm
- Electronic compass: accuracy≤±0.5°
- Electronic magnification: 1x~8x continuous zoom
- Hot spot alarm: support
- Storage: not less than 64G memory card
- Data interface: 1 * PAL, 1 * USB, support WIFI
- Power supply: rechargeable lithium battery 18650 x 2
- Volume weight: 1.5kg (including battery), 200x166x75mm
- Working temperature: -25℃~+55℃

AGT-NG2051 Night Vision Binocular



- Multi-function: it can be used hand-held, also for headwear and helmet installation;
- Directional induction automatic switch
- Automatic brightness adjustment function
- Anti-glare protection function, when light intensity exceeds 40 Lux, the power will be automatically turn-off;
- IP67, working in extremely harsh environments

AGT-FTC6107 Monocular Sighting Thermal Camera



- 640*480 resolution
- Display 1024*768 OLED
- Working time up to 6 hours or more
- Support WIFI
- Equipped with laser range finder
- Less Power Consumption
- IP67, working in extremely harsh environments

Application:

Search and rescue, surveillance and reconnaissance, navigation safety, maritime patrol, environmental testing, and anti-narcotics, etc.