CK series

CK350-VN

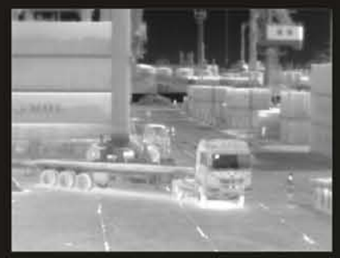
Surveillance camera with temperature measuring function
Thermal video transmission via Ethernet for online analysis
Thermal/visible light vision flexibility
Provided with professional analysis software

CK350-N

Surveillance camera with temperature measuring function
Thermal video transmission via Ethernet for online analysis
Provided with professional analysis software

CK350-M

Infrared camera specially designed for medical application
High accuracy for precise body temperature measurement
Thermal video transmission via USB for analysis
Provided with professional analysis software or software development kit



"SAT-CK350-VN Infrared Thermal Imaging Network Monitoring System" is based on network monitoring system, WAN or LAN. It can constitute a separate monitoring system and can also be incorporated into production companies (such as power system) which have an online monitoring system, digital image monitoring system, security fire alarm system. The system consists of dual-channel, all-weather monitoring cameras (including high-performance infrared camera and visual CCD camera) and the corresponding network of computers. The system uses advanced computer data compression technology and network transmission technology, via a standard Ethernet network cable of RJ45 -free level monitoring or central control (one-to-more and more-to-one inspection). Using the one network cable all the camera setting can be updated, over-temperature alarm, auto-video recording, automatic generation of fault report monitoring of the daily work. Our image fusion technology Monitoring System allows users to combine the infrared image on the CCD images to rapidly identify the fault position.

The system is equipped with powerful real-time analysis software. Its functions could meet a variety of online real-time monitoring and scientific experiments for different users. In addition, the software is customized and we can provide a software development kit (SDK) to the user for secondary development.

Model	CK series		
	CK350-N	CK350-VN	CK350-M
Image Performance			
FOV/Min Focus distanc	65°X51°/50cm	24°X18°/30cm	24°X18°/30cm
Spatial resolution	2.27mrad	1.13mrad	1.13mrad
Detector type	FPA,Uncool Microbolometer	FPA,Uncool Microbolometer	FPA,Uncool Microbolometer
NETD	≤0.05℃@30℃	≤0.05℃@30℃	≤0.05℃@30℃
Resolution	384×288	384×288	384×288
Spectral range	8~14 μm	8~14 μm	8~14 μm
Focus	Motorized	Motorized	Motorized
Digital zoom	N/A	N/A	3X
Visual Image			
Resolution	N/A	795X596	N/A
Optical zoom	N/A	30X	N/A
Control System			
Control mode	RS-485	RS-485	N/A
Contrast/brightness	Auto/Software control	Auto/Software control	Auto/Software control
Video Output			
Viewfinder	N/A	N/A	N/A
Image storage	By software	By software	By software
Video output	thermal data	thermal data	thermal data
connector	RJ45	RJ45	USB
Power System			
Power supply	24V AC	24V AC	12V DC
consumption (Normal/heating)	15w/75w	15w/75w	5w
Start-up	≤20S	≤20S	≤20S
Envinranment Specification			
Operating temperature	-20℃ ~ +50℃	-20℃ ~ +50℃	-20℃ ~ +50℃

Storage temperature	-40℃ ~ +70℃	-40℃ ~ +70℃	-40℃ ~ +70℃
Humidity	10% to 95%, non-condensing	10% to 95%, non-condensing	10% to 95%, non-condensing
Encapsulation	IP66	IP66	IP66
Physical Characteristic			
Size(mm)	673×238×160	600×366×185	200×150×150
Weight	6KG	8KG	2KG
Range Performance			
detection: human	165m	330m	330m
detection: vehicle	506m	1000m	1000m
Recognition: human	55m	110m	110m
Recognition: vehicle	169m	330m	330m