ThermTec

ThermEye-3V/6V

IP Thermal Imaging Core

ThermEye-V series security IP thermal image core is equipped with high sensitivity, which can get image quality to be always stable output, support persistent zoom and focus.

Sun Protection

Powerful imaging algorithm to reduce sensor to be burnt, it can be automatically enabled sun protective function once meeting strong light.

Diverse Lens Types Optional

Multiple optional lens types, 5mm fixed wide-angle lens to the 50mm auto-focus motorized lens.
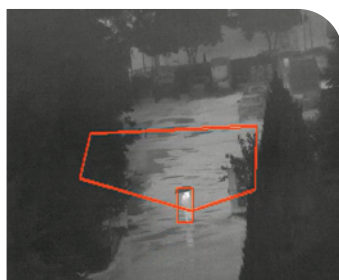
High Temperature Warning

Support abnormal temperature to be alarmed, flexible threshold range can be set.

Dual Video Outputs

IP and analog video outputs, equipping standard BNC and RJ45 video interfaces.

Abundant Image Modes

Advanced image algorithm, support HDR, WDR, sea-sky image modes, etc.

Applications

Permieter Protection
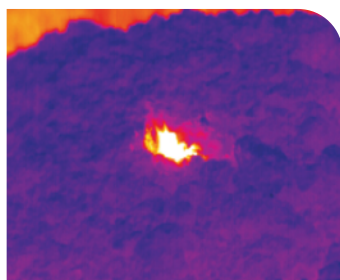
Fore Fire Protection

Coast Defence

Border Defence

Specifications

Model	ThermEye3v	ThermEye6v
Detector	Uncooled VOx infrared FPA	
Resolution/Pixel pitch	384x288/17µm	640x512/17µm
Spectral range	8~14µm	
NETD	≤40mk@300K	
Focus Method	Athermalization&motorizated	
Digital zoom	1~8x Continuous	
Focal Length	Fixed lens: 9/15/19/25/35/40/50mm, motorized:25/35/40/50/75mm etc.	
Sun protection	Support, but as less as toward sun	

Image Effect

Image adjustment	Auto/manual adjustment for contrast ratio & brightness & acutance	
Uniformity correction	Auto/manual shutter correction	
Noise reduction	3DNR	
Image process	IDE,HDR,sea-sky model etc	
Palette	9 colors opted(rust, rainbow, white/black, etc.), palette customizable	

Interface

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Power Supply	DC12V （+9V～+15V)	
Network interface	RJ45 10 M/100 M/1000M self-adaptive Ethernet port	
Serial port	1xRS485, 1xRS232	
Alarm	1x ch input, 1x ch output	
Analog video	CVBS(75Ω)PAL	
Storage	Micro-SD(FT), up to 64GB	

Network

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Video compression	H.264
Main-Stream	25fps (720*576)
Sub-stream	25fps (352*288)
Protocol	TCP/IP,ICMP,HTTP,DHCP,DNS,RTP,RTSP,RTCP,IGMP,802.1X ,ONVIF(ProfileS)
API	SDK, third-party management platform, ONVIF
Common function	Hearbet, multi-user access control
Security	Support password protection, bonding MAC ID, IP filtration
Simultaneous Live View	Up to 10 channels
User/Host level	Up to 10 users, 3 levels: Administrator, Operator, General

General

Working temperature & humidity	-40°C～+60°C，＜90%RH	
Storage temperature	−45°C ~ +65°C	
Power consumption	<3W	
Size	60.9mm*44mm*46mm	61.4mm*44mm*46mm
Weight	<110g （w/o lens)	

Dimension

ThermEye3V
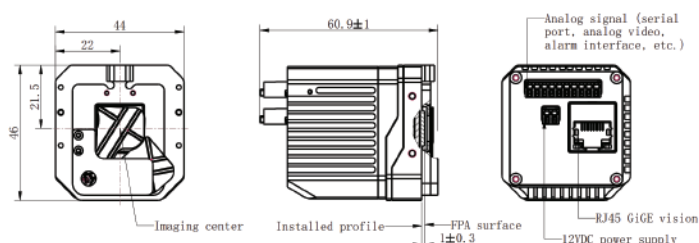
ThermEye6V
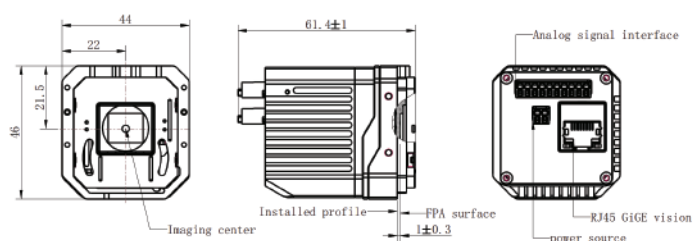
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