

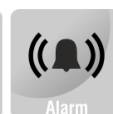
IP TEMPERATURE DETECTION THERMAL MODULE



ENC-STMFF-00R-32

FEATURES

400x300 Uncooled VOx Micro Bolometer Detector
Sensitivity $\leq 40\text{mK}$
15 mm (Optional 8/25/35/50/75/100 mm) Fixed Thermal Lens
Areas / Spot / Line Temperature Measurement Rule Support
17 Color Patterns Support
IP67



SPECIFICATION

MODEL	Model No.	ENC-STMFF-00R-32
	Type	IP TEMPERATURE DETECTION THERMAL MODULE
THERMAL CAMERA	Detector Type	Uncooled VOx Focal Plane Arrays
	Effective Pixels	400x300 and Image can be scaled up to 704x576
	Pixel Size	17um
	Thermal Sensitivity (NETD)	$\leq 40\text{ mK}$
	Spectral Range	8~14um
	Image Settings	Brightness, Sharpness, Contrast, 2D/3D DNR, Mirror / Flip, FFC
	Color Palettes	White & Black Hot, Ironbow, Rainbow etc. up to 17 modes
THERMAL LENS	Lens	Fixed
	Focus Control	Fixed / Motorized
	Focal Length	15 mm (Optional 8/15/25/35/50 mm Fixed Focus) (25/50/75/100 mm Motorized Focus)
	Digital Zoom	16x
	F No	F1.0
	Angle of View	8 mm: 46.0° (H), 35.3° (V), 15 mm: 25.5°(H), 19.2°(V), 25 mm: 15.4°(H), 11.6°(V), 35 mm: 11.0°(H), 9.0°(V), 50 mm: 7.7°(H), 5.8°(V), 75 mm: 5.1°(H), 3.8°(V), 100 mm: 3.8°(H), 2.3°(V)
	Detection	8 mm: Human (1.8mx0.5m) - 235 m, Vehicle (4.0mx1.5m) - 722 m 15 mm: Human (1.8mx0.5m) - 441 m, Vehicle (4.0mx1.5m) - 1353 m 25 mm: Human (1.8mx0.5m) - 735 m, Vehicle (4.0mx1.5m) - 2285 m 35 mm: Human (1.8mx0.5m) - 1029 m, Vehicle (4.0mx1.5m) - 3137 m 50 mm: Human (1.8mx0.5m) - 1471 m, Vehicle (4.0mx1.5m) - 4510 m 75 mm: Human (1.8mx0.5m) - 2206 m, Vehicle (4.0mx1.5m) - 6765 m 100 mm: Human (1.8mx0.5m) - 2941 m, Vehicle (4.0mx1.5m) - 9020 m
	Recognition	8 mm: Human (1.8mx0.5m) - 59 m, Vehicle (4.0mx1.5m) - 180 m 15 mm: Human (1.8mx0.5m) - 110 m, Vehicle (4.0mx1.5m) - 338 m 25 mm: Human (1.8mx0.5m) - 184 m, Vehicle (4.0mx1.5m) - 564 m 35 mm: Human (1.8mx0.5m) - 257 m, Vehicle (4.0mx1.5m) - 784 m 50 mm: Human (1.8mx0.5m) - 358 m, Vehicle (4.0mx1.5m) - 1127 m 75 mm: Human (1.8mx0.5m) - 551 m, Vehicle (4.0mx1.5m) - 1691 m 100 mm: Human (1.8mx0.5m) - 367 m, Vehicle (4.0mx1.5m) - 2255 m
	Identification	8 mm: Human (1.8mx0.5m) - 29 m, Vehicle (4.0mx1.5m) - 90 m 15 mm: Human (1.8mx0.5m) - 55 m, Vehicle (4.0mx1.5m) - 169 m 25 mm: Human (1.8mx0.5m) - 92 m, Vehicle (4.0mx1.5m) - 282 m 35 mm: Human (1.8mx0.5m) - 124 m, Vehicle (4.0mx1.5m) - 395 m 50 mm: Human (1.8mx0.5m) - 184 m, Vehicle (4.0mx1.5m) - 564 m 75 mm: Human (1.8mx0.5m) - 275 m, Vehicle (4.0mx1.5m) - 846 m 100 mm: Human (1.8mx0.5m) - 367 m, Vehicle (4.0mx1.5m) - 1127 m
	Fire Detection	8 mm: Fire (0.2mx0.2m) - 47 m, Fire (1.0mx1.0m) - 235 m 15 mm: Fire (0.2mx0.2m) - 88 m, Fire (1.0mx1.0m) - 441 m 25 mm: Fire (0.2mx0.2m) - 147 m, Fire (1.0mx1.0m) - 735 m 35 mm: Fire (0.2mx0.2m) - 206 m, Fire (1.0mx1.0m) - 1029 m 50 mm: Fire (0.2mx0.2m) - 294 m, Fire (1.0mx1.0m) - 1471 m 75 mm: Fire (0.2mx0.2m) - 441 m, Fire (1.0mx1.0m) - 2206 m 100 mm: Fire (0.2mx0.2m) - 588 m, Fire (1.0mx1.0m) - 2941 m

★Product specification and availability are subject to change without notice.

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IP TEMPERATURE DETECTION THERMAL MODULE



ENC-STMFF-00R-32

MODEL	Model No.	ENC-STMFF-00R-32
	Type	IP TEMPERATURE DETECTION THERMAL MODULE
VIDEO	Video Compression	Enhanced (H.265, H.264), H.265, H.264, MJPEG
	Frame Rate	Main Stream: (704x576) @ 25/30fps Sub Stream: (352x288) @ 25/30fps
	Stream Settings	i-Frame, PAL/NTSC, Frame Rate
	Bit Rate Control	CBR, VBR
	Bit Rate	10Kbps ~ 6Mbps
	DVE Image Enhance	Supported
	OSD	Up to 8 regions
	OSD Type	Title, Week, Date, Time, Text with different colors and adaptable sizes (Small / Medium / Big), Image overlay
	Privacy Masking	Up to 4 regions
AUDIO	Audio Compression	G.711A, G.711U, RAW_PCM
	Audio Bitrate	64 kbps, 128kbps
	Audio I/O	1/1
SMART	Behaviour Detection	Intrusion (Perimeter), Crossline (Tripwire), Double Crossline (Double Tripwire)
	Intelligent Identification	Loitering, Region Entry/Exit Detection, Flame Point Detection
	Statistical Analysis	People Counting, Wrong Way Detection, Human and Vehicle Detection, Temperature Detection
	Alarm Management	Motion Detection, Input & Output Event, Network Alarm, Disk Alarm, Abnormal Audio Alarm, Pre/Post Alarm Recording, Alarm Recording/Snapshot
	Alarm Notification	E-mail (Notification and Snapshot), HTTP (Alarm Icon), FTP (Snapshot and Recording), SD Card (Recording)
TEMPERATURE	Detection Mode	Spot, Line, Area (Total 20 Rules - 1 Full Screen and 19 others)
	Alarm	Over/Difference Alarm
	Accuracy	±2°C / ±2%
	Response Time	≤ 30ms
	Measurement range	-20°C ~ 150°C (-4°F ~ 302°F)
INTERFACE	Protocols	TCP/IP, UDP, IPv4, IPv6, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP/RTCP, RTSP, PPPoE, NTP, UPnP, SMTP, SNTP, IGMP V2/V3, 802.1x, QoS, Unicast, Multicast, SNMP, ARP, SSL / TLS 1.2
	Security	AES 128/256 Encryption, IP Filter, User Authentication (Multiple Privilege Level), HTTPS Authentication, Digest Authentication, User Access Log
	Compatibility	ONVIF Profile (S, G, T, M), CGI/SDK
	Network	1x RJ45 10M/100M Self Adaptive Ethernet Port
	Serial Interface	1xRS485
	Edge Storage	Micro SD Card Slot, up to 512 GB
	Alarm I/O	2/2
	Max.User	32
	Client Application	EyeGuard
GENERAL	Power Supply	12V DC
	Max. Power consumption	≤5 W
	Working Temperature	-40 °C ~ 60 °C
	Working Humidity	≤95% RH
	Casing	Metal
	Ingress Protection	IP67
	Surge Protection	TVS4000V
	Reset Button	Supported
	Dimensions	154.7x70x70 mm
	Weight	0.7 kg

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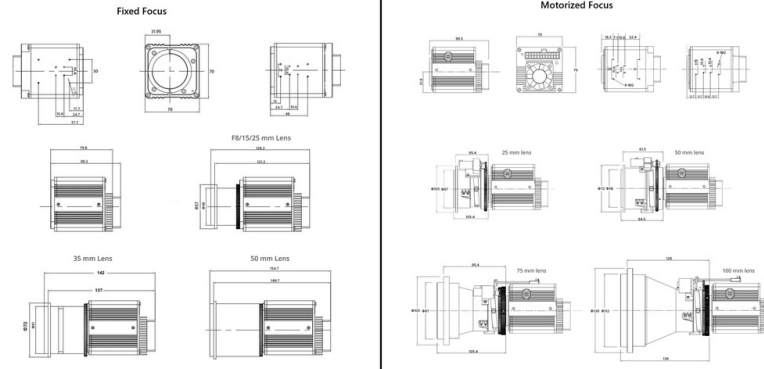
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IP TEMPERATURE DETECTION THERMAL MODULE



ENC-STMFF-00R-32

Dimension Unit : mm



ORDERING INFORMATION

Part Number	Description	Standard Quantity
ENC-STMFF-00R-32 (With 8 mm Fixed Focus Thermal Lens)	IP Temperature Detection Thermal Module with 400*300 Thermal Resolution 8 mm Fixed Thermal Lens and SD Card Slot Support	1
ENC-STMFF-00R-32 (With 15 mm Fixed Focus Thermal Lens)	IP Temperature Detection Thermal Module with 400*300 Thermal Resolution 15 mm Fixed Thermal Lens and SD Card Slot Support	1
ENC-STMFF-00R-32 (With 25 mm Fixed Focus Thermal Lens)	IP Temperature Detection Thermal Module with 400*300 Thermal Resolution 25 mm Fixed Thermal Lens and SD Card Slot Support	1
ENC-STMFF-00R-32 (With 25 mm Motorized Focus Thermal Lens)	IP Temperature Detection Thermal Module with 400*300 Thermal Resolution 25 mm Fixed Thermal Lens and SD Card Slot Support	1
ENC-STMFF-00R-32 (With 35 mm Fixed Focus Thermal Lens)	IP Temperature Detection Thermal Module with 400*300 Thermal Resolution 35 mm Fixed Thermal Lens and SD Card Slot Support	1
ENC-STMFF-00R-32 (With 50 mm Fixed Focus Thermal Lens)	IP Temperature Detection Thermal Module with 400*300 Thermal Resolution 50 mm Fixed Thermal Lens and SD Card Slot Support	1
ENC-STMFF-00R-32 (With 50 mm Motorized Focus Thermal Lens)	IP Temperature Detection Thermal Module with 400*300 Thermal Resolution 50 mm Fixed Thermal Lens and SD Card Slot Support	1
ENC-STMFF-00R-32 (With 75 mm Motorized Focus Thermal Lens)	IP Temperature Detection Thermal Module with 400*300 Thermal Resolution 75 mm Fixed Thermal Lens and SD Card Slot Support	1
ENC-STMFF-00R-32 (With 100 mm Motorized Focus Thermal Lens)	IP Temperature Detection Thermal Module with 400*300 Thermal Resolution 100 mm Fixed Thermal Lens and SD Card Slot Support	1

PACKING INFORMATION

Part Number	Packing Mode	Gross weight(Kg)	Dimension(mm)
ENC-STMFF-00R-32	Carton Box	-	-

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