

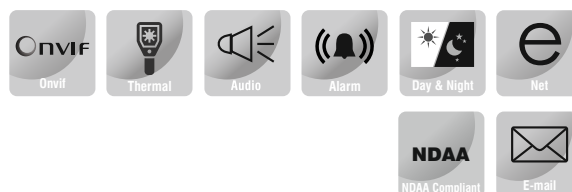
# IP TEMPERATURE DETECTION THERMAL MODULE



## ENC-STMGF-00R-32

### FEATURES

640x512 Uncooled VOx Micro Bolometer Detector
Sensitivity $\leq 40$ mK
9/15/25/35/50 mm Fixed Focus Lens
25/50/75/100 mm Motorized Focus Lens
Areas / Spot / Line Temperature Measurement Rule Support
17 Color Patterns Support
Electronic Image Stabilization



### SPECIFICATION

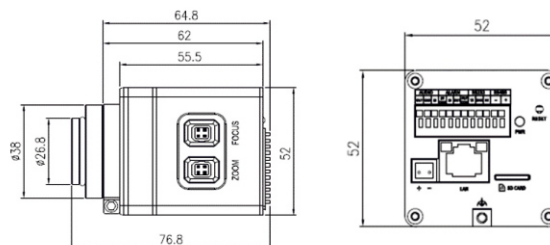
MODEL		ENC-STMGF-00R-32																															
Type		IP TEMPERATURE DETECTION THERMAL MODULE																															
Detector Type		Uncooled VOx Focal Plane Arrays																															
Effective Pixels		640x512 and Image can be scaled up to 1280x1024																															
Pixel Size		12um																															
Thermal Sensitivity (NETD)		$\leq 40$ mK																															
Spectral Range		8~14um																															
Image Setting		Brightness, Sharpness, Contrast, 2D/3D DNR, Mirror / Flip, FFC																															
Color Palettes		White & Black Hot, Ironbow, Rainbow etc. up to 17 modes																															
Iris		Auto Fixed IRIS																															
Lens		Fixed																															
Digital Zoom		16x																															
Focus Control		Free Focus																															
Focal Length		15mm (Optional 9/25/35/50 mm Fixed / 25/50/75/100 mm Motorized)																															
F No		1.0																															
Angle of View(H)		9mm				15mm				25mm				35mm				50mm				75mm				100mm							
		48.0°(H), 38.0°(V)				29.0°(H), 23.0°(V)				17.0°(H), 14.0°(V)				12.0°(H), 10.0°(V)				8.0°(H), 7.0°(V)				51.0°(H), 3.8°(V)				3.8.0°(H), 2.3°(V)							
Thermal Imaging		Object								Human(1.8mx0.5m)								Vehicle(4.0mx1.5m)								Fire(1.0mx1.0m)							
Lens(mm)		9	15	25	35	50	75	100	9	15	25	35	50	75	100	9	15	25	35	50	75	100	9	15	25	35	50	75	100				
Detection(m)		375	441	735	1029	1471	2206	2941	1150	1353	2285	3137	4510	6765	9020	375	441	735	1029	1471	2206	2941	375	441	735	1029	1471	2206	2941				
Recognition(m)		94	110	184	257	368	551	735	258	338	564	784	1127	1691	2255	125	147	245	343	490	735	980	125	147	245	343	490	735	980				
Identification(m)		47	55	92	124	184	275	367	144	169	282	395	564	846	1127	63	74	123	172	245	368	490	63	74	123	172	245	368	490				
Video Compression		H.265+, H.265, H.264, MJPEG																															
Frame Rate		Main Stream: (1280x1024, 1280x720, 640x512) @ 25fps Sub Stream: (704x576, 352x288) @ 25fps																															
Bit Rate Control		CBR, VBR																															
Bit Rate		100 Kbps ~ 8 Mbps																															
DVE Image Enhance		Supported																															
HLC		Supported																															
BLC		Supported																															
OSD		Supported																															
OSD Type		Title, Week, Date, Time, Text with different colors and adaptable sizes (Small / Medium / Big), Image overlay																															
ROI		Up to 8 regions																															
Privacy Masking		Up to 4 regions																															
WDR		120 dB																															



### SPECIFICATION

MODEL	Model No.	<b>ENC-STMGF-00R-32</b>
	Type	IP TEMPERATURE DETECTION THERMAL MODULE
AUDIO	Audio Compression	G.711A, G.711U, RAW_PCM
	Audio Bitrate	8 kbps, 16kbps
	Audio I/O	1/1
TEMPERATURE	Detection Mode	Spot, Line, Area (Total 20 rule - 1 full screen and 19 others)
	Alarm	Over / Difference Alarm
	Accuracy	±2°C / ±2%
	Response Time	≤30ms
	Measurement range	-20°C ~ 150°C
INTERFACE	Protocols	TCP/IP, UDP, IPv4, IPv6, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP/RTCP, RTSP, PPPoE, NTP, UPnP, SMTP, IGMP V2/V3, 802.1x, QoS, Unicast, Multicast, SNMP, ARP, SSL / TLS 1.2
	Security	AES Video Encryption, IP Filter, User Authentication (Multiple Privilege Level), HTTPS Authentication, Digest Authentication, User Access Log
	Compatibility	ONVIF (Profile S, G, T), CGI/SDK
	Network	1x RJ45 10M/100M Self Adaptive Ethernet Port
	Serial Interface	1xRS485,1xRS232
	Edge Storage	SD card slot, up to 256 GB
	Alarm I/O	1/1
	Fan	Supported
	Max.User	10
	Client Application	EyeGuard
SMART	Behaviour Detection	Intrusion (Perimeter), Crossline (Tripwire), Double Crossline (Double Tripwire)
	Intelligent Identification	Multi Loitering, Abandoned Object (Object Left), Missing Object (Object Lost), Region Entry/Exit Detection
	Statistical Analysis	Wrong Way Detection, Human and Vehicle Detection, People Counting
	Alarm Management	Motion Detection, Tampering Alarm, Disk Full Alarm, Temperature Alarm, Input / Output Alarm, Network Alarm
	Alarm Notification	E-mail, HTTP, FTP, SD card & Alarm Out (Event Notification/ Recording/ Snapshot upload through E-mail, HTTP, FTP & SD card)
GENERAL	Power Supply	DC 12V
	Max. Power consumption	3.5 W
	Working Temperature	-40 °C ~ 60 °C
	Working Humidity	≤95% RH
	Casing	Metal
	Reset Button	Supported
	Dimensions	64.8x52x52 mm
Weight	0.2 kg	

Dimension Unit : mm



ENC-STMGF-00R-32

## ORDERING INFORMATION

Part Number	Description	Standard Quantity
ENC-STMGF-00R-32	IP Temperature Detection Thermal Module with 640x512 Thermal Resolution 15mm (Optional 9/25/35/50/75/100 mm) Fixed Thermal Lens and SD Card Slot Support	1

## PACKING INFORMATION

Part Number	Packing Mode	Gross Weight (kg)	Dimension (mm)
ENC-STMGF-00R-32	Carton Box	-	-