

# EXPLOSION PROOF THERMAL BULLET CAMERA

## ENC-STBGF-00R-25

### FEATURES

- 316L Stainless Steel Construction
- 640x512 Thermal Resolution
- 9/15/25/35/50 mm Fixed Thermal Lens
- ONVIF Profile (S, G, T, M)
- Audio and Alarm Support
- Applicable for GAS Zone 1, Zone 2, Class IIA, IIB, IIC
- Applicable for Temperature Classes T1-T6
- Applicable for Dust Zone 21, 22
- IP68



### SPECIFICATION

<b>MODEL</b>	<b>Model No.</b>	<b>ENC-STBGF-00R-25</b>
	<b>Type</b>	EXPLOSION PROOF THERMAL BULLET CAMERA
<b>THERMAL CAMERA</b>	<b>Detector Type</b>	Uncooled VOx Focal Plane Arrays
	<b>Effective Pixels</b>	640x512 and Image can be scaled up to 1280x1024
	<b>Pixel Size</b>	12um
	<b>Thermal Sensitivity (NETD)</b>	≤40 mK
	<b>Spectral Range</b>	8~14um
	<b>Image Setting</b>	Brightness, Sharpness, Contrast, Mirror, 3D DNR, Mirror / Flip, FFC
	<b>Color Palettes</b>	White & Black Hot, Ironbow, Rainbow etc. up to 17 modes
<b>THERMAL LENS</b>	<b>Lens</b>	Fixed
	<b>Focus Control</b>	Auto Focus
	<b>Focal Length</b>	9/15/25/35/50 mm
	<b>F No.</b>	F1.0
	<b>Angle of View</b>	9 mm: 48.0°(H), 38.0° (V) 15 mm: 29.0° (H), 23.0° (V) 25 mm: 17.0° (H), 14.0° (V) 35 mm: 12.0° (H), 10.0° (V) 50 mm: 8.0° (H), 7.0° (V)
	<b>Detection</b>	9 mm: Human(1.8mx0.5m) - 375 m, Vehicle(4.0mx1.5m) - 1150 m 15 mm: Human(1.8mx0.5m) - 624 m, Vehicle(4.0mx1.5m) - 1917 m 25 mm: Human(1.8mx0.5m) - 1040 m, Vehicle(4.0mx1.5m) - 3194 m 35 mm: Human(1.8mx0.5m) - 1456 m, Vehicle(4.0mx1.5m) - 1118 m 50 mm: Human(1.8mx0.5m) - 2081 m, Vehicle(4.0mx1.5m) - 6389 m
	<b>Recognition</b>	9 mm: Human(1.8mx0.5m) - 94 m, Vehicle(4.0mx1.5m) - 288 m 15 mm: Human(1.8mx0.5m) - 156 m, Vehicle(4.0mx1.5m) - 479 m 25 mm: Human(1.8mx0.5m) - 260 m, Vehicle(4.0mx1.5m) - 799 m 35 mm: Human(1.8mx0.5m) - 364 m, Vehicle(4.0mx1.5m) - 1118 m 50 mm: Human(1.8mx0.5m) - 520 m, Vehicle(4.0mx1.5m) - 1597 m
	<b>Identification</b>	9 mm: Human(1.8mx0.5m) - 47 m, Vehicle(4.0mx1.5m) - 144 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) - 129 m, Vehicle(4.0mx1.5m) - 395 m 50 mm: Human(1.8mx0.5m) - 184 m, Vehicle(4.0mx1.5m) - 584 m
	<b>Fire Detection</b>	9 mm: Fire(0.2mx0.2m) - 75 m, Fire (1.0mx1.0m) - 375 m 15 mm: Fire(0.2mx0.2m) - 125 m, Fire (1.0mx1.0m) - 625 m 25 mm: Fire(0.2mx0.2m) - 208 m, Fire (1.0mx1.0m) - 1042 m 35 mm: Fire(0.2mx0.2m) - 292 m, Fire (1.0mx1.0m) - 1458 m 50 mm: Fire(0.2mx0.2m) - 417 m, Fire (1.0mx1.0m) - 2083 m

# EXPLOSION PROOF THERMAL BULLET CAMERA

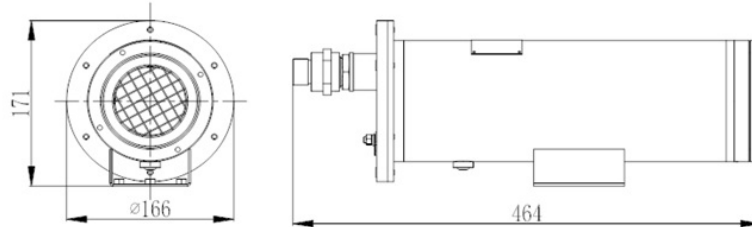
## ENC-STBGF-00R-25

<b>MODEL</b>	<b>Model No.</b>	<b>ENC-STBGF-00R-25</b>
	Type	EXPLOSION PROOF THERMAL BULLET CAMERA
<b>VIDEO</b>	Video Compression	Enhanced (H.265, H.264), H.265, H.264, MJPEG
	Frame Rate	Main Stream: (1280x1024, 1280x720, 640x512) @ 25fps Sub Stream: (704x576, 352x288) @ 25fps
	Video Bit Rate	100kbps ~ 8 Mbps
	Bit Rate Control	CBR, VBR
	OSD	Up to 8 regions
	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
<b>AUDIO</b>	Audio Compression	G.711U, G.711A, RAW_PCM
	Audio Bit Rate	64 Kbps, 128 Kbps
	Audio I/O	1/1
<b>SMART</b>	Behavior Detection	Intrusion (Perimeter), Crossline (Tripwire), Double crossline ( Double Tripwire)
	Intelligent Identification	Loitering, Region Entry/Exit Detection, Smoke Detection, Flame Detection, Flame Point Detection, Ship Detection
	Statistical Analysis	People Counting, Wrong Way Detection, Human and Vehicle Detection, Temperature Detection
	Alarm Management	Motion Detection, Tampering (Masking), Input & Output Event, Network Alarm, Disk Alarm, Day Night Switch Alarm, Abnormal Audio Alarm, Pre/Post Alarm Recording, Alarm Recording/Snapshot
	Alarm Notifications	E-mail (Notification & Snapshot), HTTP (Alarm icon), FTP (Snapshot & Recording), SD Card (Recording)
<b>TEMPERATURE</b>	Detection Mode	Spot, Line, Area
	Alarm	Over/Difference Alarm
	Accuracy	±2°C / ±2%
	Response Time	≤30ms
	Measurement range	Up to 900 °C (±0.2°C accuracy up to 15M and ±15-20% accuracy up to 50M)
<b>INTERFACE</b>	Protocols	TCP/IP, UDP, IPv4, IPv6, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, IGMP, 802.1X, Unicast, Multicast, QoS, ARP, SNMP, Telnet, SSL/TLS1.2 (128/256 Bit Encryption)
	Security	TLS Video Encryption, IP Filter, User Authentication (Multiple Privilege Level), 802.1X Authentication (EAP-MD5), HTTPS Authentication, RTSP Authentication, Digest Authentication, User Access Log
	Compatibility	ONVIF (S, G, T, M), SDK, CGI
	Network	1 x RJ45 10M/100M Self Adaptive Ethernet Port
	Alarm I/O	1/1
	Serial Interface	1xRS485
	Edge Storage	SD card slot, up to 1 TB
	ANR	Supported
	Max. User	32
	Client Application	EyeGuard
<b>GENERAL</b>	Power Supply	AC 110 ~ 240V (Default) / AC 24V / DC 24V / PoE+ (IEEE 802.3at-Type 2)
	Max. Power Consumption	≤25W (with thermostat)
	Working Temperature	-40°C ~ 60°C
	Working Humidity	≤95% RH (non-condensing)
	Atmospheric pressure	80 kPa ~ 110 kPa
	Window glass	Strong tempered glass
	Ingress Protection	IP68 (2meter / 2hour)
	Surge Protection	TVS6000V
	Reset Button	Supported
	Dimensions	464x166x171 mm
Net Weight	8.6 kg	

# EXPLOSION PROOF THERMAL BULLET CAMERA

**ENC-STBGF-00R-25**

Dimension Unit : mm



## ORDERING INFORMATION

Part Number	Description	Standard Quantity
ENC-STBGF-00R-25	IP Temperature Detection Explosion Proof Thermal Bullet Camera with 640*512 Thermal Resolution, 15mm (optional 9/25/35/50mm) Fixed Thermal Lens and SD Card Slot Support	1
ENA-EXH010	1 Meter Explosion / Corrosion Proof Hose for Norden Explosion / Corrosion Proof Camera	1
ENA-EXH015	1.5 Meter Explosion / Corrosion Proof Hose for Norden Explosion / Corrosion Proof Camera	1
ENA-EXH020	2 Meter Explosion / Corrosion Proof Hose for Norden Explosion / Corrosion Proof Camera	1
ENB-BZUW68	Wall Mount Bracket for Norden Explosion / Corrosion Proof Bullet Camera	1
ENB-BZUH68	Corner Mount Bracket for Norden Explosion / Corrosion Proof Bullet Camera	1
ENB-BZUV68	Pole Mount Bracket for Norden Explosion / Corrosion Proof Bullet Camera	1

## PACKING INFORMATION

Part Number	Packing Mode	Gross weight(Kg)	Dimension(mm)
ENC-STBGF-00R-25	Carton Box	-	-