OBSCURA PTZ
Multi-Mission Pan/Tilt/Zoom Camera

Real-Time Situational Awareness & Actionable Intelligence
Surveillance Operations | Intrusion Detection | Vehicle Applications

Compact and lightweight, the Obscura PTZ Camera is multi-mission capable, making it an ideal tactical video surveillance solution for fixed, vehicle or maritime applications. Waterproof (IP66) design, 360° continuous Pan with ±90° Tilt, Full HD video with 33X optical Zoom and IR LED illumination deliver enhanced day/night performance in any environment.

Natively compatible with all StreamCaster MANET radios, the Obscura PTZ features an intuitive web-interface, allowing users to access video and customize image quality, camera settings and video capture parameters.

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LEADING THE MIMO REVOLUTION

OBSCURA PTZ
Multi-Mission Pan/Tilt/Zoom Camera

8.18" / 208mm

5.78" / 147mm

KEY FEATURES

- 1080p, 2MP Full-Resolution CMOS Sensor with Auto-Focus
- H.265/H.264/MJPEG Video Compression
- User Configurable Image Quality and Frame Rate
- Main/Sub/Third Stream Configurable Resolution
- 33X Optical Zoom – 5.5~180mm Focal Length
- IR LED Illuminator - 50m IR View Distance
- 255 Presets; 6 Patrol Options; One-Click Watch & Cruise Functions
- IP66 Housing -40° to +65° C Operations

CAMERA

IMAGE SENSOR	1/2.8" Progressive scan CMOS
MAX RESOLUTION	1920x1080 (2MP)
FOCAL LENGTH/OPTICAL ZOOM	5.5~180mm/33X
IR VIEW DISTANCE	50m
MIN. ILLUMINATION	Color: 0.001 Lux(F1.5, AGC ON) B&W: 0.0005 Lux (F1.2, AGC ON) IR: 0Lux
WHITE BALANCE	Manual & Automatic White Balance Outdoor/Daylight Mode Sodium/Incandescent Lamp Mode
FOCUS MODE	Auto/Manual
IMAGE ENHANCEMENT	DNR; BLC; HLC; WDR
WIDE DYNAMIC RANGE	120dB
SHUTTER SPEED	1/25~1/100,000s

IMAGE & NETWORK

VIDEO COMPRESSION	H.265, H.264, MJPEG
FRAMES PER SECOND (FPS)	50Hz:25FPS 60Hz:30FPS
INTERFACE PROTOCOL	ONVIF2.6
STREAMING PROTOCOLS	RTSP, RTP, UDP, TCP

MECHANICAL

PAN/TILT RANGE	Pan: 360°; Tilt: -25~90°
PAN/TILT SPEED	Pan: 0.05~60°/s; Tilt: 0.05~50°/s
PRESETS	255
PATROL SCAN	6 Patrol; 18 Presets for each Patrol; Retension times can be set

GENERAL

DIMENSIONS	φ147x208 mm
WEIGHT	Camera (2.65kg) Cable (0.66kg) Power Supply (0.37kg)
INPUT VOLTAGE	12V to 20V
POWER CONSUMPTION	7W (Day Mode) 14W (Night Mode) 24W Max
OPERATING TEMPERATURE	-40° to +65° C; Humidity <90%
PROTECTION LEVEL	IP66

SMART FEATURES

ONE-CLICK FEATURES	Watch; Patrol
ICR AUTOMATIC SWITCHING	24 Hrs. Day and Night Monitor

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