

CYBER ONE surveillance variant is specially designed for traffic monitoring, crowd control, pedestrian detection, patrolling, S&R, VIP movement.

FEATURES

- **BVLOS** drone control
- **Day/night** surveillance system
- **"Target-lock-and-follow"** feature for cross-border movement tracking
- **Completely autonomous**; can identify target with Optoelectronics
- Tethered system for **continuous** surveillance and **emergency lighting**
- **Fast emergency response** during suspected infiltration
- Counter terrorism
- Emergency delivery to inaccessible areas

OPERATIONAL PAYLOADS

- Optical zoom day camera
- **IR + EO sensor**
- Public Address System (**Megaphone**)
- Search light
- Police siren and Police flashlight



CYBER ONE
SURVEILLANCE VARIANT

PRODUCT SPECIFICATIONS

	CyberOne	CyberOne MAX
Size	600mm, Quadcopter	735mm, Quadcopter
Weight	1.35 kg (w/o battery)	1.65 kg (w/o battery)
Maximum payload capacity	1.5kg	3 kg
Operational range	15 kms	15 kms
Flight time (No payload)	Up to 60 mins	Up to 80 mins
Take-off weight (Max)	4 kg	5.85 kg
Max mission speed	43 km/h	43 km/h
Max mission ceiling	Up to 5000 meters (16400 feet)	Up to 5000 meters (16400 feet)
Battery	Li-po battery	Li-po battery
Max Transmission range	FCC:7km/ CE:5km	FCC:7km/ CE:7km
Operation Temperature	-10°C to 50°C (14°F to 122°F)	-10°C to 60°C (14°F to 140°F)
Deployment time	2 mins	2 mins



Long endurance **drone**
(>60 minutes)



2-in-1 EO + IR sensor for
day/ night operation



Durable, Light
Weight **3K**
carbon frame



Autonomous **drone**s
driven with advanced
AI/ML algorithms

PAYLOAD SPECIFICATIONS



IN10X-IR

10X zooming RGB+ 640 Thermal 1080P
Sensor: 1/3-inch CMOS
Optical zoom: 10X
RGB Resolution: 2.13MP
Thermal: 640*480, 30HZ, 25mm
Tracking function: Support



IN10X-IR LR

10X Optical Zoom +340 IR 1080P
Sensor: 1/2.9" CMOS
Optical zooming: 10 X, 12x digital
RGB Resolution: 1.2MP
Thermal: 340*280, 25HZ, 25mm
300m IR Laser Light Target Tracking System



IN10X

10X zooming camera
Sensor: 1/3-inch CMOS
Optical zooming: 10X
F=4.9mm- 49mm
Resolution: 2.13MP
Tracking: Support
Standard optical zoom camera



IN90X

1080P 20X Optical Zoom
4K Video Recording at 60 fps
Sensor: 1inch CMOS
Optical zooming: 20X
F=4. 08mm- 23mm
RGB Resolution: 25.9MP
Tracking: Support



MEGAPHONE

Size: 100x100x80mm
Power: 100W
Transmission distance: 5km (With range increase mode, can be extended to 15km)
Sound Strength: max. ≥125db
Power: built-in battery
Battery duration: ≥60 minutes

USE CASES



BORDER SECURITY

Real-time reconnaissance with 24x7 tracking and monitoring suspicious activities.



ANTI-TERRORISM

Surveillance with AI /ML algorithms to find out terror threats and risks.



SEARCH & RESCUE

In S&R operations, high-tech imaging systems are able to detect thermal movement, even in adverse conditions.



CRIME CONTROL

Track illegal activities and capture aerial images and videos of the same.



DELIVERIES

Delivering the required goods during wars and emergency.



COUNTER INSURGENCY

Helps in finding out insurgent groups to defeat irregular forces.

Authorized Sales&SI Partner



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