



Sovereign  
Systems

# ATHENA KIT

Private Wireless Mesh Connectivity for Challenging Environments



DC Powered



Rapid Deploy  
Surveillance Kit



Private Closed Wireless  
Network, Independent of Public  
Telecom Infrastructure



Enhanced Security  
Features



Max 64 Nodes  
in a Network



Versatile and Expandable



AEGIS Management, Control  
and Video Viewing App



Powered by mMESH™  
COFDM Technology



Real-Time Video  
Transmission and Viewing



Built for IP Data, Voice &  
Video Transmission

---

# ATHENA Kit Hardware

Quick-deploying and versatile, the ATHENA kit is ideal for the demanding security needs of specialised protective services. Stream high-res camera feed from multiple points to a command centre, without dependence on grid electricity, employing self-routing, self-healing COFDM wireless mesh technology as a robust communications backbone.

Developed from a wealth of experience in government and private security services, the ATHENA kit combines advanced mMESH™ technology and world-class audiovisual hardware to deliver a comprehensive surveillance solution.



---

## COMMANDER mMESH™

Take charge of any situation from this laptop-equipped Commander Node that features a 2W mMESH™ kit powered by AEGIS command and control software. With AEGIS, team commanders can view multiple video feeds, record video content, remotely control cameras, and adjust basic mMESH™ network settings. Fortified by a travelling hard-case, this battery-powered unit also comes with Wi fi and extra Ethernet ports for connection to other IP devices.

---

## PTT mMESH™ RADIO

Equip personnel with these PTT (push-to-talk) units for instant voice and video updates via the mMESH™ wireless broadband network.



---

## BODYWORN CAMERA

The ATHENA kit is compatible with various types of bodyworn cameras, allowing team commanders full access to high-res video for enhanced real-time situational awareness.



## PTZ CAMERA mMESH™

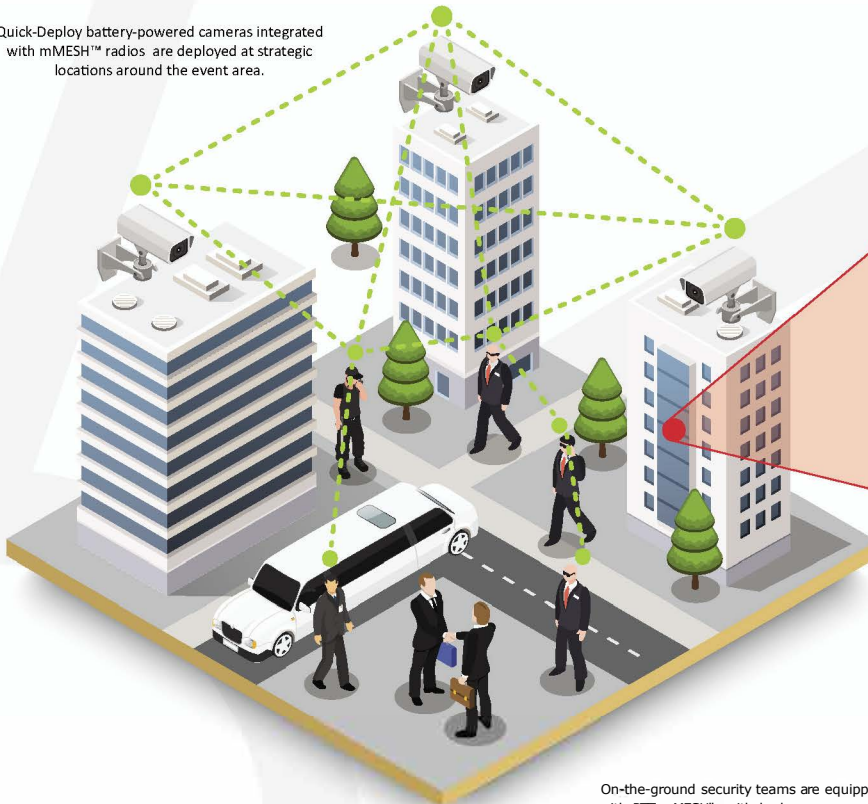
Monitor large areas and let no details escape, with a single camera. The pan-tilt-zoom capabilities of this portable battery-powered unit allows uninterrupted transmission of the complete surveillance area via an integrated 2W mMESH™ unit, with a view that can be adjusted remotely.

## DOME CAMERA mMESH™

Leave no blind spot unnoticed with this light, compact camera that can be wall-mounted using velcro. Battery-powered, with a manually-adjustable view angle, the camera's integrated 500mW mMESH™ radio unit delivers an additional surveillance picture of critical zones.



Quick-Deploy battery-powered cameras integrated with mMESH™ radios are deployed at strategic locations around the event area.



The entire event is closely monitored by a Security Command located at a nearby location, which can be in a building or a vehicle.

On-the-ground security teams are equipped with PTT mMESH™ with bodyworn cameras. PTT mMESH™ allows the security personnel to communicate in a private secure network, and also allows video to be transmitted to Security Command.

**From enclosed hotel events to open-area parades and crowded festivals, VIP security teams can rely on the ATHENA kit's superior connectivity features to provide sophisticated surveillance and protection for valuable persons and assets in the most complex scenarios.**



**Sovereign  
Systems**

Sovereign Systems

Delivering Mission Assurance

Released: April 2022



**Sovereign Systems Pte Ltd**

[connect@sovsys.co](mailto:connect@sovsys.co) [www.sovsys.co](http://www.sovsys.co)

 [fb.com/sovsys](https://fb.com/sovsys)

 [linkedin.com/company/sovsys](https://linkedin.com/company/sovsys)