THE NEW GENERATION OF PRIVATE MOBILE NETWORKS

FOR VIDEO-SURVEILLANCE DRONES

LUCEOR
WiMESH NETWORKS

aeraccess®
airborne engineering research

AIRBORNE
INTELLIGENCE,
SURVEILLANCE,
RECONNAISSANCE

WiMESH NETWORK

FIXED CAMERAS

INTRUSION
DETECTION

CONTROL CENTRE

Luceor's WiMesh radio transmission technology is now available in Aeraccess UAVs to connect them at broadband speed to your video surveillance infrastructure anywhere on-site, with no latency and no packet loss during handoffs.
With Luceor and Aeraccess, your flying cameras have a virtually unlimited range to facilitate automatic reconnaissance and surveillance missions in any circumstance.

www.luceor.com   **www.aeraccess.com**

YOUR CAMERAS ANYWHERE YOU NEED THEM
...AT BROADBAND SPEED AND WITH NO PACKET LOSS

- Protecting airports, nuclear plans, prisons, wind farms, sensitive sites, critical infrastructures...
- Detection in all conditions even in rainy or windy weather, whatever the terrain and landscape
- Out of sight reconnaissance and tracking
- A single network infrastructure for all your cameras, whether fixed, mobile and airborne

LUCEOR OS
WiMESH INSIDE

LUCEOR WiMESH

A WiMesh infrastructure allows you to deploy your HD / 4K / thermal cameras anywhere on site and seamlessly transmit from your Aeraccess drones even as they pass from one relay to another.

Key Features:

- Broadband wireless IP transmission with no session or packet loss during handoffs
- Private mobile network with no license required
- Latency <2ms, no jitter
- Dynamic encryption of radio links for rock-solid security
- Self-healing network based on military concepts
- Quick and easy deployment and management with MeshTool Suite software
- A wide range of WiMesh routers to easily extend the reach of your wired network

AERACCESS UAV

The Q800X is a ultra-modular quad copter capable of carrying a wide range of sensors. Designed to be very easy to deploy in the field, it is particularly suited for surveillance missions in sensitive areas.

Key Features:

- Compact, lightweight, modular
- Up to 90 minutes of autonomy
- Several km range thanks to WiMesh relays
- Many sensors available: Sony day camera, NOCTURN day / night camera, IR camera, laser pointer, combined NOCTURN / IR / laser module, etc.
- Mission automation and automatic charging
- Easy integration with control centres

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