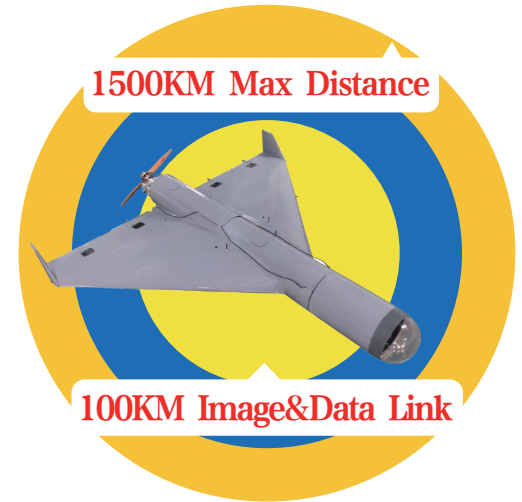




# Sunflower200

## Long Distance Smart Patrol Drone



|                    |                            |
|--------------------|----------------------------|
| Wingspan           | 2.67m                      |
| Length             | 3.2m                       |
| Payload            | 30-40kg                    |
| Combat radius      | 1000~1500km                |
| Flight speed       | 120~200km/h                |
| Flying time        | 10hours                    |
| Flight altitude    | ≤2500m                     |
| Fuel tank capacity | 50L                        |
| Take-off mode      | undercarriage and launcher |
| MTOW               | 130kg                      |

# Sunflower200

## Launching Mode



Take off by Undercarriage or Launcher  
Landing by Undercarriage

## AI Thermal & Visible Camera Pod



# 8G

## Video+Data Link

| 8GVideo+Data Link              |  |
|--------------------------------|--|
| <b>Interface</b>               | 21-core J30 interface:<br>100Mbps Ethernet port RJ45 (4 pin)<br>DC power supply interface (6 pin)<br>SBUS / TTL / RS232 (could be customized)<br>RF interface SMA-K (MESH) |
| <b>Indicator Lights</b>        | 4-level network quality indication   |
| <b>Wireless specifications</b> | 7900~8000Mhz   |
| <b>Output Power</b>            | 33dBm  |
| <b>Receiving sensitivity</b>   | -100dBm  |
| <b>Channel bandwidth</b>       | 1.25MHz/2.5MHz/5MHz/10MHz  |
| Performance Parameters         |  |
| <b>Networking</b>              | Ad Hoc Network   |
| <b>Anti-interference</b>       | Intelligent frequency selection; optional fast frequency hopping (1000 hops/second)  |
| <b>Peak rate</b>               | 25Mbps   |
| <b>Relay hop count</b>         | More than 10 hops, single hop delay < 10ms   |
| <b>Number of nodes</b>         | 32; 64/128 nodes optional  |
| <b>Start Time</b>              | <35s   |
| <b>Transmission encryption</b> | AES 256  |
| Hardware Parameters            |  |
| <b>Dimension</b>               | 200*80*70mm  |
| <b>Weight</b>                  | 1.2KG  |
| <b>Antenna</b>                 | Aircraft standard 2dBi omnidirectional fiberglass antenna<br>Standard 5dBi omnidirectional fiberglass antenna on the ground  |
| <b>power supply</b>            | DC 28V; Optional DC 12V  |
| <b>Power consumption</b>       | Peak 30W   |
| <b>Operating temperature</b>   | (-40°C to 65°C)  |
| <b>Working humidity</b>        | 10% to 90% non-condensing  |
| <b>Installation</b>            | Airborne   |

