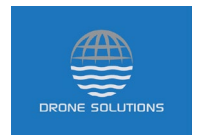




Unmanned Aerial Systems Tethered Searching Drone



| | |
|--|-------------------------|
| Model | DSSA50TD |
| Class | Industrial |
| Wheelbase | 720mm |
| Body Weight | 3950g |
| Payload | 3kg |
| Folding Method | Cannot Fold |
| Onboard Backup Battery | Lithium Battery |
| Flight operating time on battery | 15 hours |
| Flight operating time with external power | 24/24h |
| Ground End | |
| Cable Length | 100m |
| Size | 350*250*190mm |
| Line Retracting Mode | Automatic, Manual |
| Shell Material | Aviation Aluminum Allow |
| Output | 2500W |
| Body Weight | 8000g |
| Working Temperature | -25 - 50°C |
| Input Voltage | 220V AC |
| Output Voltage | 380V – 420V DC |
| UE Generator Adapter | 4000g |
| Battery Adapter | 2000g |
| Battery operation time | 15 hours |



picture strictly non-binding



| | |
|--|------------|
| Onboard Power Supply | |
| Output Overcurrent Protection | 380V |
| Output Short Circuit Protection | 23V ± 1.5V |
| Efficiency | > 95% |

| | |
|--|--|
| Protection Performance Requirement | |
| Input Low/High Pressure | |
| Output Low/High Pressure | |
| Overcurrent, Surge, Over temperature Protection | |
| Level IP53 (Customized Optional) | |

| | |
|-------------------|-----------------|
| Spotlight | |
| Bulb type | Xenon Gas Bulbs |
| Bulb power | 100W, 24V |

| | |
|---|--|
| Optical options* | |
| Dual (Zoom and Thermal Image Integrated) with Target Lock System | |

| | |
|---------------------|-----------------|
| Optical zoom | 10*, 20*, 30* |
| Definition | 1080P (Full HD) |
| IR Sensor | 640*512 |



picture strictly non-binding



Unmanned Aerial Systems Tethered Searching Drone



Triple Camera: Day, Night, IR, Range finder

10*Zoom EO specification

| | |
|-------------------|---|
| Image Sensor | 1/3' Progressive Scanning CMOS |
| Effective Pixels | 40.8MP |
| Video Output (HD) | 1080P/60 |
| Lens | Auto; Manual; priority mode (shutter/ aperture) |

640*480 19mm IR Specifications

| | |
|-------------------------|---|
| Uncooled Spectrum Range | 8 μ m ~ 14 μ m Thermal Imager |
| Detector Resolution | 640*480 |
| Pixel Spacing | 17 μ m |
| Palette | White Thermal Black Thermal Seudocolor |
| Temperature Measurement | Temp. Bar (Seudocolor Display) Highest Temp.; Lowest Temp.; Central Point Temp. |
| Video Resolution | 1920*1080@60p/50/30p/25p |

Laser Distance Measurement 5KM



*Other optical camera option on demand