LIKIU

Likiu Autonomous Drone Docks & Tethered UAVs

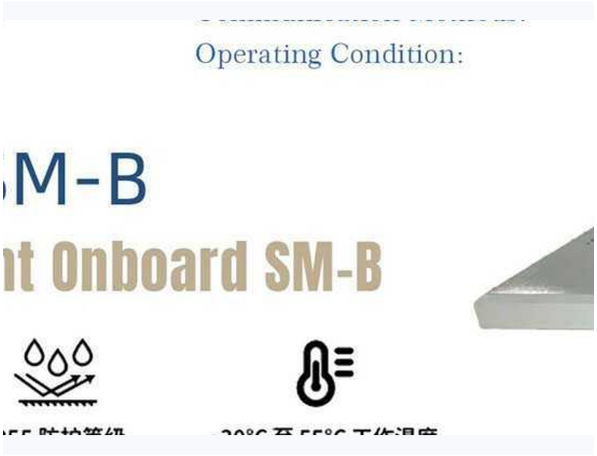


Autonomous drone docks and tethered UAV platforms for repeatable inspection and extended-duration operations. Compatibility, communications, installation, power supply and site requirements must be confirmed for each project.

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Source: user-supplied Likiu Drone Manual and 产品目录Catalog.pdf. This is a clean derivative limited to the products in this booth. Specifications are not an offer, warranty or certification. Confirm model, configuration and compliance before purchase.

Likiu Shuangma SM-A Intelligent Drone Dock



Integrated drone dock for unattended deployment, remote management, automatic charging and vision-guided landing.

- **Dimensions:** 102.5 × 90 × 90 cm
- **Weight:** 150 kg
- **Lift platform:** 75 × 75 cm
- **Drone launch time:** 90 s
- **Charging:** Automatic
- **Landing:** Vision-recognition guidance
- **Landing accuracy:** Centimeter-level
- **Power supply:** 220 V AC
- **Communication:** Optical fiber, broadband, 4G/5G
- **Source:** Likiu Drone Manual, PDF page 21

Likiu Shuangma SM-B Autonomous Drone Dock



IP55 drone docking station for automated operation and remote inspection workflows.

- **Dimensions:** 990 × 990 × 600 mm; 1450 × 990 × 600 mm
- **Weight:** 40 kg (as stated in supplied source)
- **Protection rating:** IP55
- **Operating temperature:** -30 °C to 55 °C
- **Operating humidity:** 5–95%
- **Maximum operating altitude:** 3100 m
- **Hatch durability:** ≥30000 cycles
- **Operating radius:** 7 km
- **Source:** Likiu Drone Manual, PDF page 21
- **Note:** Dimensions and weight require confirmation against the selected dock configuration.

Likiu TK1400 Tethered Drone



Tethered UAV for persistent aerial observation and temporary communications or lighting integrations.

- **Unfolded dimensions:** 1100 × 1100 × 600 mm
- **Folded dimensions:** 700 × 700 × 600 mm
- **Diagonal wheelbase:** 1400 mm
- **Payload:** 12 kg
- **Maximum take-off weight:** 22 kg
- **Maximum horizontal flight speed:** 20 m/s
- **Protection rating:** IP55
- **Control distance:** 15 km
- **Source:** Likiu Drone Manual, PDF page 28

Likiu TK1500 Long-Endurance Tethered Drone



Tethered UAV for extended operations with more than 24 hours of tethered flight stated in the source catalogue.

- **Maximum take-off weight:** Up to 110 kg; maximum payload 60 kg
- **Unfolded dimensions:** ≤1400 × 1400 × 800 mm
- **Flight time:** ≥60 min unloaded; >24 h tethered
- **GNSS:** GPS + BeiDou + Galileo + GLONASS
- **Protection rating:** ≥IP55
- **Cable length:** 100 m
- **Flight altitude:** 4000 m
- **Source:** Likiu Drone Manual, PDF page 28