



## **SKY CROSSWIND 160**

Automatic Takeoff - Landing System



Unmanned Aerial Vehicle (UAV) VTOL **SKY CROSSWIND 160** untuk berbagai keperluan survey dan pemetaan, Dengan bobot hanya 5,5kg VTOL SKY CROSSWIND 160 mudah di operasikan dan mempunyai endurance yang sangat baik di kelasnya.



## SPEKIFIKASI VTOL SKY CROSSWIND 160

### Hardware

**Airframe Type** : Fixed Wing with VTOL arm  
**Material** : Expanded Poly Olefin (EPO) with carbon fiber spar  
**Wingspan** : 1600MM  
**Length** : 1070MM  
**Wing Area** : 33 SqDM2  
**Weight** : 5,5 kg  
**Take Off & Landing** : Automatic Vertical Takeoff  
**Autopilot** : PX4  
**Main FMU Processor** : STM32F76 (32 bit ARM® Cortex® M7, 216 MHz Processor running NuttX RTOS, more computing power and 2X the RAM than previous versions)

### Sensor

**Camera** : A6000 Lensa 25mm  
**Camera Control** : Autopilot automatic Distance-based trigger

### Flight Performance

**Flight Time** : Upto 50 min  
**Flight Altitude** : 250 m – 500 m AGL  
**Nominal Flight Range** : 50 Km  
**Survey result s** : 265Ha/Flight, Flight alt 250mtr, GSD 4.88 cm Overlap 75% Sidelap 75%

### Ground Control System

**Radio Control** : 2.4 GHz, Upto 3km distance  
**Telemetry Link** : 433 MHz, Upto 10km distance