

Introduction to AEE Aviation Intelligent Manufacturing Base Machining Workshop

The AEE base covers a total area of 148 mu (1 mu \approx 666.67 m²), with a total factory area of 120,000 square metres: 1 Administration Building, 1 dormitory & canteen building, 5 standard 5-storey factory buildings and 1 factory building with steel structure.

The AEE manufacturing base has currently formed a UAV whole industrial chain production and manufacturing capacity, and has six processing and manufacturing workshops focusing on UAV production and manufacturing and various consumer and products of industrial grade: SMT assembly workshop (2,100 square metres), precision mould manufacturing workshop(1,800 square metres), injection moulding workshop(2300 square metres), CNC metal machining workshop(4,000 square metres), composite machining workshop(1,600 square metres), and sheet metal workshop(1,500 square metres).



New product introduction

● MACH6-D7 Hexacopter Drone Detector

1. Adopting self-developed low-power digital-analogue hybrid receiver technology and advanced power management technology, with external ultra-wideband antenna, it can detect the commonly-used civil drones, including quadcopters, fixed-wings, DIY and traverser, and it can also achieve extremely low false alarm rate in the complex electromagnetic environment.
2. The product is suitable for drone mounting, which is easy and quick to be assembled, and the drone detection can achieve ultra-long range detection, and the detection range of this device is up to 5km.
3. The detector is integrated with the drone to identify self-drone to prevent false alarms, and detection alerts can be fed back to the remote control or cloud platform via the drone PTZ.
4. MACH6 is a six-rotor multi-purpose drone with AEE's latest intelligent flight platform and flight control technology, with a max. endurance of 60min, with ultra-remote control, a maximum load of 6kg, a wind resistance level of 8 and a max. flight radius of 15km.



● DA6 Drone Detection and Jamming System



1. Detection distance: Up to 1-4 km under normal conditions, depending on electromagnetic environment.
2. Weight: 13.5Kg
3. Size: $\phi=500$ mm, H=500mm
4. Full-band detection, from 70 MHz to 6 GHz;
5. Capability of handling more than 10 targets simultaneously
6. Whitelist function

● A6 Backpack Drone Countermeasure Equipment



1. Omni-directional countermeasure distance: 500-1500 m
2. Weight: 16Kg
3. Dimension(WHL): 400 × 230 × 630(mm)
4. which lasts for about 1h and charges for 6 hours
5. Effective segmentation, it only interferes with drone control and video transmission frequencies
6. Have six Working Frequency (840~5850MHz)

● A8 Eight-Channel Integrated Drone Jammer



1. Interference distance: 300-1200m
2. Weight: 7.5Kg
3. Size (W×H×L): 80×315×850 (mm)
4. The built-in battery is provided, with

a life of about 1 hour and a recharge cycle for 6-8 hours
 5. 8 SMA/N ports(400M/900M/1.2G/1.4G/1.5G/2.4G/5.2G/5.8G) are provided for connecting directional antenna

● D1 Man-portable Drone Detection and Early Warning Instrument



1. Battery life: 8h (dual battery)
2. Operating weight: 270g
3. Overall dimension: 135 x 62 x 38mm
4. Detection radius: 2000m
5. Operating frequency band: 800~1500MHz, 2400~2485MHz, 5150~5950MHz
6. Device power supply: Replaceable lithium battery

● AEE101 Switchblade



● AEE108 Switchblade



● Coaxial twin propeller UAV



For more information, please feel free to inquire about your contact information!



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