

# DRONE

■ YOROI

■ KATANA



## CUSTOMIZABLE DRONE FROM MYZOX

**MYZOX & SAITOTEC starts drone related business for rapidly raised drone industries.**

**SAITOTEC is a Japanese drone manufacturer having huge potential for made-to-order drones.**

**We are ready to provide solutions with our customizable drone for your professional work.**

TRIPOD  
1

PRISM  
2

POLE  
3

STAFF  
4

GNSS ACCESSORY  
5

SURVEYING / LASER INSTRUMENT  
6

SURVEYING ACCESSORY  
7

MEASURING TOOL  
8

TESTING INSTRUMENT  
9

SECURITY GOODS  
10

# YOROI

**Robust type** Base model Operability Stability Waterproof

Crop-dusting, Material handling, 3D surveying, Photo surveying



Remote controller



*“YOROI” means Japanese samurai armor which structured by many iron detail parts, unbelievably tough yet able to move fast like hornet. YOROI series have robust structure by carbon shell to carry heavy weight material with stable flight.*

## Features

### Heavy weight loading

Powerful motors and lightweight body achieve heavy weight loading with smooth flight.

### IP resistance for heavy-duty usage

Seamless designed carbon body protect against from rain and dust.

### Stylish design carbon shell body

Black carbon shell body is associated with black hornet. It is very stylish unlike any other drones.



#### SPECIFICATIONS

| Model                     | YR6S1500MG                          |             |
|---------------------------|-------------------------------------|-------------|
| Size                      | Width                               | 1,592mm     |
|                           | Depth                               | 1,393mm     |
|                           | Height                              | 693 ~ 793mm |
| Propellers                | 6                                   |             |
| Diagonal motor distance   | 1,500mm                             |             |
| Weight                    | 11.4kg                              |             |
| Max. operating time       | 18min.                              |             |
| Max. payload              | 9kg                                 |             |
| Propeller diameter        | 28inch                              |             |
| Power battery             | 18,000mAh<br>12S LiPo*              |             |
| Max. service ceiling      | 2,500m                              |             |
| Max. flying speed         | 60km/h                              |             |
| Max. operating wind speed | 10m/s                               |             |
| Water & dust protection   | IP34                                |             |
| Accessories               | Carrying case<br>Standard work skid |             |

\*Battery is an intelligent type.



# KATANA

## All-rounder type Base model

Versatility Expandability Endurance

Inspection, Disaster research, 3D surveying, Photo surveying, Solar inspection

"KATANA" means Japanese samurai sword. Traditional manufacturing process creates a blade super sharp and lightweight. KATANA series are wide variety patterns of customization with thin carbon double plates.



### Features

#### High customizability

Simple double carbon plates structure brings high customizability.

#### 24h flying drone

Optional power supply gives drone for limitless flying time like 24 hours.

#### Wall climbing with wheels

Optional wheels bring drone to climb wall like spider.

### SPECIFICATIONS

| Model                     | KT6S1500MG                          | KT4S1050MG                          | KT4S540MG            |
|---------------------------|-------------------------------------|-------------------------------------|----------------------|
| Size                      | Width                               | 1,592mm                             | 850mm                |
|                           | Depth                               | 1,393mm                             | 850mm                |
|                           | Height                              | 685mm                               | 300mm                |
| Propellers                | 6                                   | 4                                   | 4                    |
| Diagonal motor distance   | 1,500mm                             | 1,050mm                             | 540mm                |
| Weight                    | 12.4kg                              | 8.5kg                               | 1.5kg                |
| Max. operating time       | 18min.                              | 15min.                              | 10min.               |
| Max. payload              | 8kg                                 | 5kg                                 | 0.8kg                |
| Propeller diameter        | 28inch                              | 28inch                              | 11inch               |
| Power battery             | 18,000mAh<br>12S LiPo*              | 18,000mAh<br>12S LiPo*              | 6,000mAh<br>4S LiPo* |
| Max. service ceiling      | 2,500m                              | 2,500m                              | 2,500m               |
| Max. flying speed         | 45km/h                              | 45km/h                              | 60km/h               |
| Max. operating wind speed | 6m/s                                | 6m/s                                | 6m/s                 |
| Water & dust protection   | -                                   | -                                   | -                    |
| Accessories               | Carrying case<br>Standard work skid | Carrying case<br>Standard work skid | Carrying case        |

\*Battery is an intelligent type.

# KATANA

## Practice model

### SPECIFICATIONS

| Model                     | KT4S450MG           |
|---------------------------|---------------------|
| Size                      | Width               |
|                           | 630mm               |
|                           | Depth               |
|                           | 630mm               |
|                           | Height              |
|                           | 325mm               |
| Propellers                | 4                   |
| Diagonal motor distance   | 450mm               |
| Weight                    | 1.3kg               |
| Max. operating time       | 7min.               |
| Max. payload              | 1.3kg               |
| Propeller diameter        | 11inch              |
| Power battery             | 5,500mAh<br>3S LiPo |
| Max. service ceiling      | 2,500m              |
| Max. flying speed         | 60km/h              |
| Max. operating wind speed | 6m/s                |
| Water & dust protection   | -                   |
| Accessories               | Carrying case       |



### CHECK

#### What is KATANA practice model?

Generally recreational drone has built in control system by microprocessor and software in order to pilot drone easily. However the industrial drone is generally designed and created based on manual pilot so that pilot can do precise work on drones.

MYZOX line up KATANA practice model which has very close feeling of actual unit in order to pilot industrial drone without any anxiety.







## MYZOX & SAI TOTECH CREATES NEW SOLUTIONS

MYZOX starts to have original drones in our lineups from August, 2018. Productivity, IT, Labor-saving is common words in many job sites. Drones are one of innovative solutions and the usage of drones are expanding in various job sites.

MYZOX unique drones solve issues and difficulties of surveying, construction and agriculture sites or others with professional customization by teamed up with SAI TOTECH.



Agriculture



Inspection



Material handling

### 60 years experience

MYZOX have a great deal of experience and knowledge for the surveying, civil engineering and construction industries. With these experience and knowledge, MYZOX provides the best solutions for many application difficulties with drones.



### Technical capacity

SAI TOTECH is a pioneer in customizing drone market. They create the trust of major enterprises SOFTBANK or SUMITOMO HEAVY INDUSTRIES through more than 10 years. The possibility of our drone customizing is unlimited and providing solution for any difficulties.



### Our drone features

#### 24h Flying drone



By special designed lightweight cable and power transmitter, the drone flies more than 24 hours in theory.

#### Heavy-duty



By mounting powerful multi-motors, the drone can load heavy material like packages or agricultural chemical.

#### Customization



By a lot of experience with industrial professionals, it is possible to customize for any job applications.