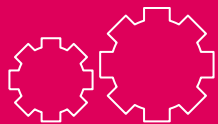


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Infrastructure	Highways Planners
Management	Insurance Companies
Surveying	Policy Makers
Emergency	Humanitarian Aid

1. FULLY AUTONOMOUS:

Our UAV flies by itself, from take-off to landing.

2. AUTOMATIC SAFETY & EMERGENCY PROCEDURES:

Includes wing detection, complete sensor health monitoring and intelligent failsafe behaviours such as ground avoidance and return to home.

3. ELECTRIC POWERED:

Low noise level, no pollution.

4. VERY LIGHT & HAND - LAUNCHED:

Easy take-off and landing, no additional equipment required. Light Weight (630 g).

5. ACCURATE & EFFICIENT:

UAV collects aerial photographs of areas up to 10sq.km in a single flight.

6. OPTIMIZED AERODYNAMIC PROFILE:

Maximum flight stability and endurance.
Launching by hand.

The professional mapping drone

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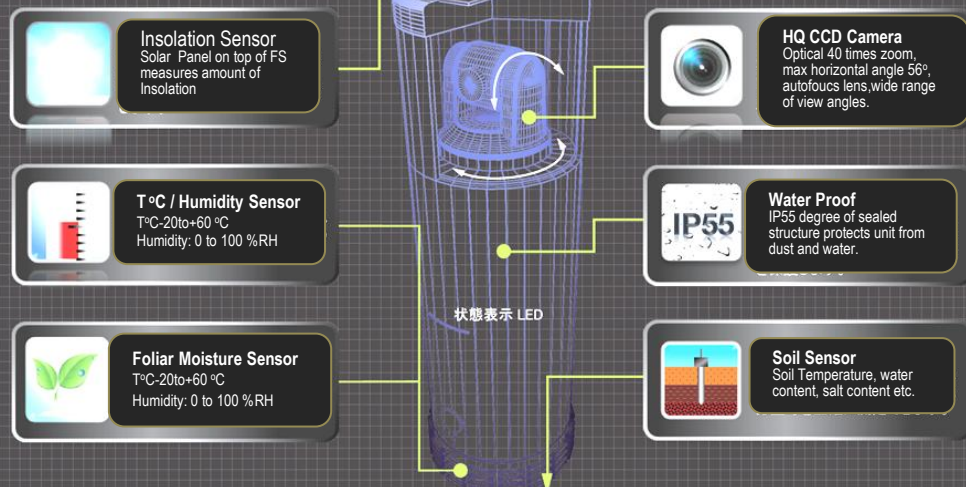
FieldServer

Field Point

FS-V / FP

SPECIFICATIONS

FS-V Main features



ANYONE, ANYWHERE, MONITOR THE FIELD

FS-V realizes field monitoring anywhere and for anyone. By measuring and storing temperature, humidity, solar insolation and field video, cultivation management can be made based on the data. Maximum period of one month data can be stored in the memory of the unit.



REMOTELY CONTROLLED CAMERA

The camera unit of Field Server can be controlled remotely through internet connection. Pan, tilt and zoom functions realizes wide area of field monitoring.



APPLICATION SOFTWARE SUPPORT VIA INTERNET

The monitoring result can be reported to smart phone through or additional services can be provided such as cultivation management using knowledge data base.

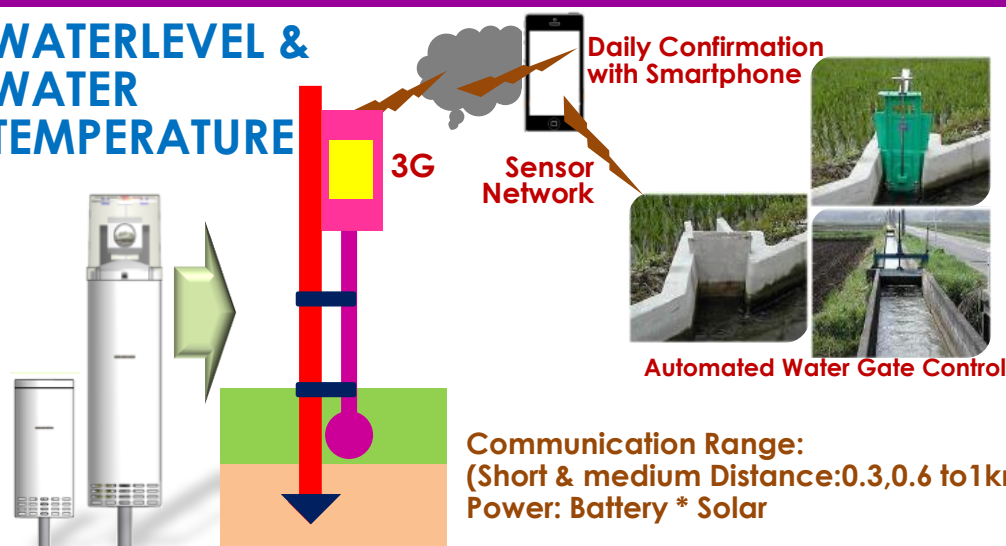


FIELD SERVER MEASUREMENT DATA



APPLICATIONS

WATERLEVEL & WATER TEMPERATURE



APPLICATIONS



Cultivation Management
Environment measurement and pinpoint video monitoring provide visualization based on data. Multipoint monitoring widens possibilities of services such as quality assurance and sales promotion.



Disaster Monitoring
It is possible to remotely monitor water level, land slide, and rainfall by sensors and videos. The places in danger such as under heavy rain can be monitored continuously.



Bird and Animal Damage, Steel Prevention
By detecting human or animals, it is possible to make real time counter measurement with alarm sound or other methods through remote control.



Environmental Monitoring
As part of environmental measurements, it is possible to make various kind of environmental measurements such as radiation and CO₂ by connecting optional sensors.

INTERACTIVE DATA ANALYSIS SERVICE

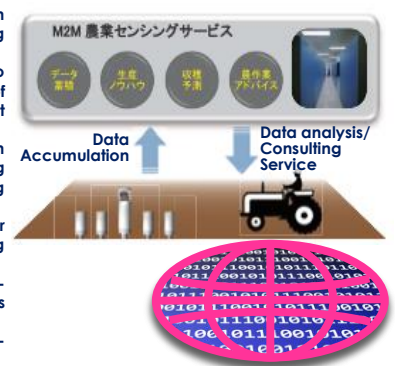
Further advanced data management services can be provided by combining various services using FieldServer.

As an example it is possible to provide a service to manage all field data on M2M* data server of cloud service and check reports of analysis result through PC, mobile phone or smart phone.

In future it will be possible to provide services such as advising best picking seasons and instructing field work by analyzing accumulated field sensing data.

Various network services are also planned for implementation by collaborating leading organizations and companies.

*M2M (Machine-to-Machine or Machine-to-Management); Machines connecting to networks communicate each other without interaction of human and are self-controlled appropriately.



CONTACT

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Field Server Is a Japanese Technology Based Monitoring Unit That Observes and Monitor Field Environment, Animals and Plants by Combining Sensing and Communication Facilities. All the necessary Features are packed into A Compact Body.

FS Technology at work for robust monitoring and protection of the Environment