

The logo for 'gotani' is displayed in a green, lowercase, sans-serif font. The letter 'o' is stylized with a leaf-like shape inside it. The background of the entire page features a collage of agricultural images: hands planting seedlings in a tray, a person holding a bowl of cherry tomatoes, and a weather station on a tripod in a field under a blue sky with clouds. The design is overlaid with various geometric shapes in shades of green and blue, along with decorative leaf patterns.

“

The farmer works the soil,
The agriculturist works the farmer,
The smart farm works for both.

”

SMART FARMING

FOR A BETTER TOMORROW

Our data-driven technology helps you make better decision thus allowing you to operate your farm more efficiently which then leads to increased productivity.

IOT SOLUTION

LEADER PROVIDER

Provides a beginner friendly platform that speeds up your learning process. You will receive expert's advices and suggestions on how to build your farm.



A SMARTER SOLUTION FOR YOUR AGRICULTURE FARM

Manage your farm at the edge of your fingertips

Let us help you across every phase



Plan for your cost and resources accurately



Monitor and manage your farm from anywhere you want



Customers can track the origin of your produce

GoTani Smart Farming IOT Dashboard



Weather Forecast



Air Quality Index



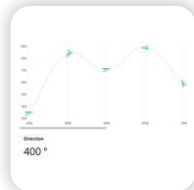
Temperature & Humidity



Noise Level



Wind Speed



Wind Direction



Rainfall Intensity



Light Intensity



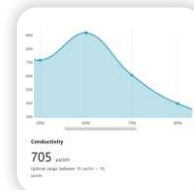
Soil NPK



Soil Temperature & Moisture



Soil pH Level



Soil EC



FARM MANAGEMENT



DRONE MAPPING



SMART SENSING

REALIZE THE SMART FARM DREAM!

Digitalize, Analyze & Automate your farm

T3000 - GoTani Weather IoT Station

The weather station provides real-time and accurate data for environmental monitoring with timely monitoring predictive analytics. All weather, user friendly, low power consumption, high accuracy and cost effective.



Temperature Sensor

Ambient condition detection for mechanical asset monitoring applications



Rainfall Intensity Sensor

Know how much rain has fallen and optimizing the water usage



Humidity Sensor

Helps you make better decisions about water usage and pending rain



Wind Speed & Direction Sensor

Prediction of upcoming storms accurately for the preparation plan



T3100 - GoTani Farm IoT Station

The soil monitoring system capable of accurately measuring macro-nutrients including nitrogen (N), phosphorus (P) and potassium (K), soil PH level detection, soil electrical conductivity (EC) for salinity of soil, soil moisture and soil temperature. Farmer can get all information in a glance through the GoTani Mobile App.



Soil pH

Monitoring of soil acidity & alkalinity that affect germination & growth of plants



Soil NPK

Accurately detect macronutrients for fertilizer application and planning



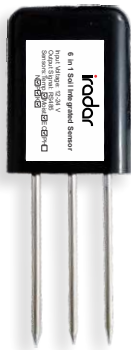
Soil EC

Measure the soil electricity conductivity that affects health of crops



Soil Moisture & Temperature

Monitoring of soil moisture and temperature for better root growth of plants



T3200 - GoTani Farm Combo IoT Station

The combo IoT station unleash the potential to provides real-time and accurate data for environmental monitoring with timely monitoring predictive analytics and capable of accurately measuring soil parameters. All weather, user friendly, low power consumption, high accuracy and cost effective.

Smart Farming IoT Station Product Information



T3000 - GoTani Weather IoT Station

Package Includes	Temperature Sensing Module
	Humidity Sensing Module
	Rainfall Sensing Module
	Smart IoT Base Station
	IP65 ABS Chassis
	Built-in WIFI Module
	3 Meters Pole
Ready for Immediate Deployment	
Optional Add-on	•4G Module
	•Wind Speed Sensing Module
	•Wind Direction Sensing Module
	•Solar System Without Battery

T3100 - GoTani Farm IoT Station

Package Includes	Soil Temperature Sensing Module
	Soil Moisture Sensing Module
	Soil EC Sensing Module
	Soil pH Sensing Module
	Smart IoT Base Station
	IP65 ABS Chassis
	Built-in WIFI Module
3 Meters Pole	
Ready for Immediate Deployment	
Optional Add-on	•4G Module
	•Soil NPK Sensing Module
	•Solar System Without Battery

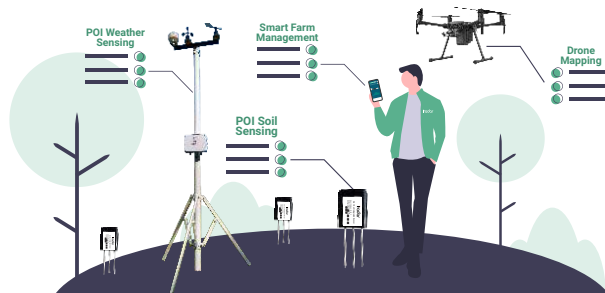
T3200 - GoTani Farm Combo IoT Station

Package Includes	Temperature Sensing Module
	Humidity Sensing Module
	Rainfall Sensing Module
	Soil Temperature Sensing Module
	Soil Moisture Sensing Module
	Soil EC Sensing Module
	Soil pH Sensing Module
	Smart IoT Base Station
	IP65 ABS Chassis
	Built-in WIFI Module
3 Meters Pole	
Ready for Immediate Deployment	
Optional Add-on	•4G Module
	•Soil NPK Sensing Module
	•Solar System Without Battery

T3300 - GoTani Smart Irrigation Automation

Package Includes	Coming Soon!
Optional Add-on	Coming Soon!

Smart Farming IOT Station Technical Specifications



Temperature | Humidity | Light Intensity | Noise | PM10 & PM2.5 Sensors

DC Power Supply	10-30 VDC	Maximum Power	0.8 W	Resolution		Respond Time		Output Signal	
Sensors	Precision	Measurement Range	Long Term Stability						
Temperature	±0.5°C (25°C)	-40°C ~ 80°C	≤0.1°C/y	0.1 °C		≤1s			
Humidity	±3%RH (60%RH,25°C)	0%RH ~ 99%RH	≤1%/y	1%		≤1s			
Light Intensity	±7% (25°C)	0 ~ 200000 Lux	≤5%/y	1 Lux		≤0.1s		RS485	
Noise	±3db	30dB ~ 120dB	≤3db/y	0.1 dB		≤1s			
PM10 PM2.5	±10% (25°C)	0 - 1000ug/m3	≤1%/y	1 ug/m3		≤90s			

Wind Direction & Speed Sensors

DC Power Supply	10-30 VDC	
Maximum Power	0.3 W	
Sensors	Wind Direction	Wind Speed
Operating Temperature	-20°C ~ 60°C, 0%RH ~ 80%RH	-20°C ~ 60°C, 0%RH ~ 80%RH
Measurement Range	0 ~ 359.9°	0-60m/s
Dynamic Response Time	≤0.5s	≤0.5s
Precision	±1°	±(0.2+0.03V) m/s
Resolution	0.1°	0.1m/s
Start Speed	-	≥0.2m/s
Output Signal	RS 485	RS 485

Rain Gauge Sensor

DC Power Supply	4.5V ~ 30V
Maximum Power	0.24W
Barrel Diameter	Φ200mm
Resolution	0.2mm
Sharp Edge	40° ~ 45°
Operating Temperature	0 ~ 50°C
Working Humidity	< 95%(40°C)
Storage Temperature	-40 ~ 125°C
Storage Humidity	< 80% (No Condensation)
Measurement Accuracy	±±3%
Rain Intensity Range	0mm ~ 4mm/min (Max:8mm/min)

Soil Sensors

Sensors	Soil EC	Soil Moisture	Soil Temperature	Soil NPK	Soil pH
Range	0-20000us/cm	0-100%	-40~80°C	1-1999 mg/kg(mg/L)	3~9 PH
Resolution	10us/cm	0.10%	0.1°C	1 mg/kg(mg/L)	0.1
Precision	0-10000us/cm = ±3% 10000-20000us/cm = ±5%	0-50% = 2% 50-100% = 3%	±0.5°C (25°C)	±2%FS	±0.3PH
DC Power Supply	4.5-30 VDC			5-30 VDC	
Operating Temp.	-40°C~+80°C			-20°C~+60°C	
Maximum Power	0.7W			0.5W	
Conductivity Temp. Compensation	Built-in temperature compensation sensor, compensation range 0-50°C				
Long Term Stability	≤5%/year				
Response Time	≤10s				
Protection Grade	IP68				
Probe Material	Special Anti-Corrosion Electrode				
Sealing Material	Black Flame Retardant Epoxy Resin				
Cable Length	2 Meters				
Dimension	45*15*123mm				
Output Signal	RS485				