AIPV i-Station SMS / APP Alerting System







Monitor selected parameter from a smart device, home or office



Free access to weather stations for local environment data



Auto-store landscape layouts and condition to cloud-base server

TAKE CONTROL OF YOUR IRRIGATION AT ANY TIME, FROM ANYWHERE



SMS/ APP alert notifications



Detection and report any faulty irrigation operation

Intelligent remote environment metrics monitoring & access to irrigation system from your phone, tablet, or computer at any time from wherever you are.

Specifications

 Host Controller (**i-Station**) Connectivity Communication Protocol Dimensions (IP67-enclosure)

NB-IOT Sim Card/ LoRa/ WiFi MQTT Cloud Server Service 91mm(W) x 112mm (H) x 78mm(D

Dimensions (IP67-enclosure)	91mm(W) x 112mm (H) x 78mm(D)
Input Power	DC-5V 300 mA / AIPV Solar Panel 600x100mm
	with 3-day rechargeable battery
Control Configuration	Mobile App Control/ Back-end
Number of sensor supported	10 nos (wire)/ Unlimited (Wireless)
• Probe (IOI-Sensor)	
Range of Connectivity	Wire: 30m by Eight-core cable
	Wireless: Unlimited by 10m interconnect Bluetooth
Input Power	Wireless: Unlimited by10m interconnect Bluetooth (DC) USB 5V 500mA/ Built-in solar cell

CanaShield Nano-Technologies Inc. www.canashield.com info@canashield.ca

AIPV i-Station **Probe (IOT-Sensor)**





NB-IOT Data Transfer

Working temperature: -20~80°C Humidity: 5%~100% Liquid level accuracy: 1.5mm Waterproof: IP67



Probe (IOT-Sensor) • **Relative Humidity Sensor Relative Humidity Sensor**

Specifications

Range of Connectivity	Wire: 30m by Eight-core cable
	Wireless: Unlimited by10m interconnect Bluetooth
nput Power	(DC) USB 5V 500mA/ Built-in solar cell

CanaShield Nano-Technologies Inc. www.canashield.com info@canashield.ca