

ITU Selection Guide

Match your monitoring and control needs to the right ITU series data logger.

ITU G3

Control, high sensor counts, base station for wireless remotes, camera or serial integration.

ITU G2 Mini

Monitoring only, up to 4 analog + 4 digital, with satellite or remote options.

ITU Micro

Monitoring only, one or two key measurements, good 4G coverage.

Supported Applications

● Supported ○ With limits – Not supported

Application	ITU G3	ITU G2 Mini	ITU Micro
Weather & Climate			
Full weather station	●	●	○
Frost and temperature alerts	●	●	●
Frost protection control (pump or fan)	●	–	–
Disease risk monitoring	●	●	●
Soil moisture probes (SDI-12)	●	●	●
Water & Irrigation			
Water meter / water take reporting	● Up to 8	● Up to 4	● Up to 2
Tank, bore or river level	● Up to 8	● Up to 4	● Up to 2
Pump run/fault monitoring	●	●	●
Pump, valve or frost fan control	●	–	–
Portable pump location (high-accuracy GPS)	●	●	–
Farm Operations			
Dairy effluent irrigator failsafe	●	–	–
Milk vat monitoring	●	●	●
Feed silo level	●	●	●
Infrastructure & Environment			
Geotechnical and structural monitoring	●	–	–
Custom sensor integrations	●	–	–
Third-party instruments via serial	●	–	–
Still image camera	●	–	–
Site Conditions			
4G coverage (One NZ, Spark)	●	●	●
No cellular coverage (Iridium satellite)	●	●	–
Multiple locations via SRR3 / LRR3 / XLR3 remotes	●	○	–
Higher-draw sensors or accessories	●	–	–

Spec Overview

	ITU G3	ITU G2 Mini	ITU Micro
Analog inputs	8	4	2
Digital inputs	8	4	2
SDI-12 ports	2	1	1
Temperature sensor ports	2	1	1
Analog wind sensor port	1	1	– Via SDI-12
Relay outputs	2	–	–
Sensor power outputs	0–20V, 0–20V, 12V, 18V	0–12V, 12V, 15V	0–15V
Comms	4G or satellite	4G or satellite	4G
Wireless remotes	Yes	Optional	–
GPS	External	External	Yes
Power	Solar or mains	Solar or mains	Solar or mains
Enclosure	Stainless	Stainless	UV-stable plastic

Need a price?

For a quote catered to your requirements, [find your local Harvest agent](#), or [contact Harvest](#) for assistance.