HyDip®
Fuel tracking / HFTV1

Size (excluding antennas, connectors and mounting brackets)	172 (W) x 178 (L) x 82 (H) mm
Weight (without battery)	1700 g
Operational temperature	-10°C to 60°C
Operating external voltage	10 to 24V DC max
Recommended battery	Sealed, rechargeable, lead acid battery only. 6V nominal, 12Ah capacity.
Estimated device life period between charging when powered from internal battery	2 days (sampling once per hour and synchronizing once per day, 1 sensor connected only). Adjusting either the sampling or the synchronization period will have a significant impact on battery life. A poor 3G/Next-G signal quality will cause the device to operate in a high power mode for longer periods, which will significantly reduce battery life.
External power input	2 pins of 3 pin connector, 10 - 24V DC max. 12V DC recommended for use in stationary location.
Solar power input	2 pins of 3 pin connector, 10 - 24V DC max. 12V DC (nominal) recommended.
Sensor input connectors	4-20mA, 24V DC max, 4 connectors, each 2 pins
Binary output, latching relay	Open/closed relay contact. 24V DC max, 1A max.
Binary input (optically isolated)	Input voltage 24VDC max
RS485 interface DA/DB	Galvanically isolated RS-485 communication interface for external devices using HyNet protocol
RS485 interface PA/PB	Auxiliary RS-485 communication interface for external devices, like HyDip Pinpad
CIF interface	Custom RS-485/232 interface for connecting to dispensers, current loop adapters and converters
3G antenna input	SMA/F connector requires SMA/M fitted antenna
GPS antenna	SMA/F connector requires SMA/M fitted antenna
USB interface	USB-B connector for connecting to PC to configure and monitor HFT device

3G <···> ⟷

* Note:
current consumption depends on the number of sensors used, reception conditions and other factors. For more detailed specifications of current consumption based on different scenarios, visit docs.hydip.com

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HyDip Product Comparison Chart

	HDV2	HFTV1	HDX2
	✔ Tank Gauging	✔ Tank Gauging ✔ Fuel Management	✔ Tank Gauging ✔ Fuel Management
Tank level sensors (4-20mA)	4 (Any type)	4 (Any type)	2 (Any type)
Meter temperature correction (4-20mA)	N/A	N/A	2 (standard) 4 (optional)
Dispenser support	✖	Direct COMPAC PINPAD → SANKI PINPAD → CONTREC	Direct I/O PINPAD → COMPAC
Communications	✔ 3G (universal) ✔ 4G (per country) ✔ Ethernet	✔ 3G (universal) ✔ Ethernet	✔ 3G (universal) ✔ 4G (per country) ✔ Ethernet
Power	✔ Battery/Solar ✔ External 12V	✔ Battery/Solar ✔ External 12V	✔ 110/240V AC or 12V DC
External display support	✔	✔	✖
Nozzle input	N/A	N/A	2 (standard) 4 (optional)
Flowmeter input	N/A	N/A	2 (standard) 4 (optional) single or dual phase
Pump start/stop output	N/A	N/A	2 (standard) 4 (optional)
GPS	✔	✔	✔

Available accessories

HyDip Pinpad

Used with HyDip Fuel Tracking V1 and third party dispensers such as COMPAC to deploy tag-based authorisation at the pump.

Remote Fuel Management.
HyDip

HyDip Fuel Tracking
(Pass Tag)

1 2 3 CANCEL
4 5 6 CLEAR
7 8 9
0 # ENTER

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