

Tank gauging v2 / HDV2



Size (excluding antennas, connectors and mounting brackets)	180 (W) x 170 (L) x 57 (H) mm
Weight (without battery)	950 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	30 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/HART, 24V DC max, 4 connectors, each 2 pins
Bluetooth	Bluetooth 2.1 supported. Bluetooth is enabled after NFC device is detected in proximity.
XBee	Supported 802.15.4
3G/4G antenna input	SMA/F connector requires SMA/M fitted antenna
XBee antenna input	SMA/M connector requires SMA/F fitted antenna 2.4GHz
USB connectivity	USB-B connector
GPS antenna	SMA/F connector requires SMA/M fitted antenna



*** 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.hyddip.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

Wireless tank level display



Nominal supply voltage:	12V - 24V DC
Supply power:	3W
Battery supply voltage:	6V DC
Battery supply current:	150mA max, 10mA typical
Operational temperature:	0°C to 60°C
Ingress protection rating:	IP67
Relay load:	Max 48V AC/DC, max 1A
External battery operation:	At least 1000 hours battery 6V, 10Ah, one LCD unit
Internal battery operation:	At least 30 minutes