



Complete hydrological gauging stations with telemetry

- **Product Highlights**
Turn-key solutions for stand-alone measuring stations
- **Location**
Gauging station, Pole mount
- **Main power supply**
Battery, Solar
- **Communication**
Cellular, Satellite (GOES/Meteosat)

OTT HydroSystems offer a decisive price advantage compared to individual configured systems. The IP-enabled and highly energy-efficient datalogger OTT netDL is the core of the system. Several SDI-12 sensors may be connected to the rugged logger, as it has up to 40 channels. The measured data may be remotely transferred via the built-in cellular modem, optionally via satellite or Ethernet. The required antennas are already included in the system.

Cabinet	
Housing material	Stainless steel
Protection class	IP65
Lockable	
Breathing gland	
Max. dimension battery: (W x H x D)	190 mm x 175 mm x 130 mm

Temperature range

Cabinet, components included	-25 °C ... +50 °C
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Power Supply (solar energy)

Solar controller	OTT PR1205
Optional: Solarpanel	12 V/30 W, 460 mm x 530 mm (W x H), with 1" outrigger
Optional: Battery	12 V /26 Ah

Power Supply (mains power)

Power Control Unit	OTT PCU12
Optional: Battery	12 V/7 Ah

Enhanced overvoltage

Mains power supply (solar optional)	SPD acc. to EN 61643-11: Type 3, SPD acc. to IEC 61643-1/-11: Class III
Sensors (optional)	EN 61643-21, IEC 61643-21

IP-Datalogger

Type	OTT netDL 500 OTT netDL 1000
External modem	4G / LTE
Communications interfaces	USB Host and USB Device, RS-232 (full DB9), Ethernet (netDL 1000)
Sensors interfaces	SDI-12, RS-485 (SDI-12), 2 x status-/impulse input 2 x switched output
Flat antenna	