Technical Data OTT HydroSystems





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	190 mm x 175 mm x 130 mm
D)	









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Temperature range	
Cabinet, components included	-25 °C +50 °C

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	SPD acc. to EN 61643-11: Type 3,
optional)	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	







