Real time data transmitter for Horiba Water Quality Meter U-53 (using GSM/GPRS, 3G [W-CDMA])

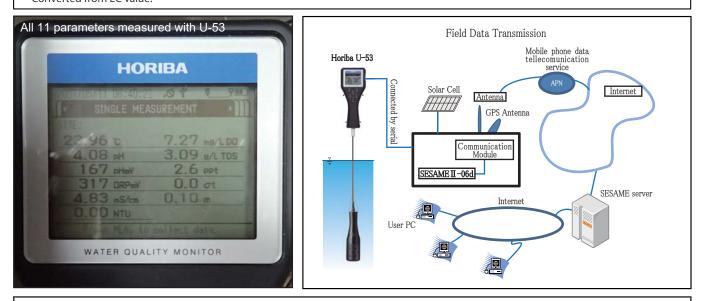
SESAME II-06d is a data logging and transmitting system designed for Horiba Multi-parameter Water Quality Meter U-53. Based on the telecommunication network served by SESAME System, you can get real-time field data on a variety of water quality!

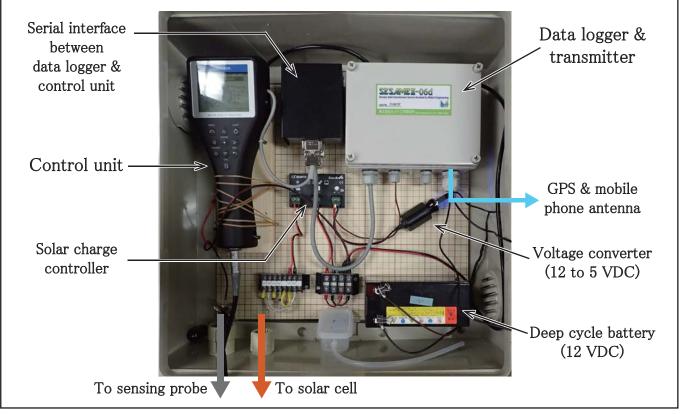
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SESAME II-06d logs all the data of U-53 (pH, oxidation-reduction potential (ORP), dissolved oxygen (DO), electric conductivity (EC), salinity\*, total dissolved solid (TDS)\*, seawater specific gravity\*, water temperature, turbidity, and water depth) in both its internal memory and an SD card. The data are then sent to a cloud server via the mobile phone network. So the users can access the data in the cloud server via the Internet.

SESAME II-06d can remember upper and lower threshold values for all items of U-53. When a measured value gets out of the range, an alert message is sent to the server, which will then send an email to the users. So the SESAME System is very useful for monitoring water pollution in canals, rivers and coastal area. \*Converted from EC value.





## Real time data transmitter, SESAME II - 06d, for Horiba Water Quality Meter U-53

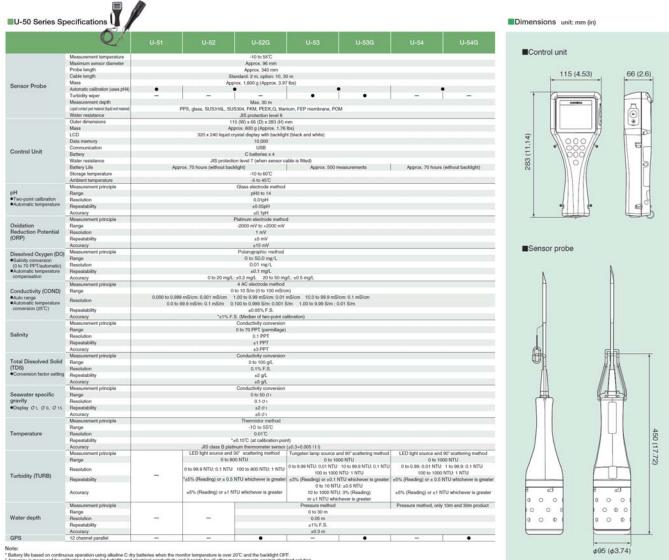
Model No.	SESAME II-06d
Input	All data of U-53 (pH, ORP, DO, EC, salinity*, TDS*, seawater specific gravity*, water temp., turbidity, and water depth)
Interval	Measurement: 1~60 min, 1 min step Transmission: 10/15/20/30 min, 1/2/4/6/12/24 hours
Alarming	All data of U-53 and Battery voltage (upper and lower thresholds)
Recording Media	Internal: 1 M-bit non-volatile EEPROM (up to 3000 times observation) External: SD card (up to 4GB)

Antenna	Mobile Terminal: 1, GPS: 1
Band Frequency**	GSM/GPRS, 3G (W-CDMA)
Operating Temp.	-5 to 45℃
Power Source	12 VDC
	Deep cycle battery (20 Ah x 2) with
	solar cell (40 W)
Power Requirement	500 mAh (during measurement) Data logger: 4 mAh
	Transmission: 600 mAh

Converted from EC value.

\*\* For example, Telkomsel is applicable in Indonesia.

## Technical data of Horiba Multi-parameter Water Quality Meter U-50 series



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Distributor



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