

CEESYNC™

The ultimate solution for
PPS time synchronisation

The CEESYNC™ is the ultimate solution for PPS time synchronisation and is compatible with all industry standard GNSS receivers.

This compact unit has a wide DC voltage input range and can be powered via a USB port on a PC for simplified installation.

The CEESYNC™ has a simple membrane to configure inputs and outputs. The unit features 9 LEDs to display current system status.

The unit is environmentally sealed and incorporates dual DB9 modulated PPS and raw PPS output via BNC.

Integrated features

- Ultimate time synchronising solution
- Powered via USB connector
- Simple membrane interface
- Environmentally sealed
- Compatible GNSS industry standard



www.ceehydrosystems.com



CEESYNC™

General Specifications

Physical

Dimensions	18 x 9 x 4 cm (L x W x D) 7.1" x 3.5" x 1.6"
Display	Status LEDs
Weight	450 g (1 lbs)
Connectors	BNC, DB9 and 2.5 mm power jack

Environmental

Operating temperature	-0°C – 50°C (32°F – 122°F)
Humidity	95% non condensing
Ingress protection rating	IP67

Electrical

Power consumption	0.4 watts
Power supply	Nominal 5.0 VDC @ 100 mA (5.0-36.0VDC range) Can be powered from USB
Isolation	Galvanic isolation between all ports (IEC 60950-1 reinforced insulation)
Reverse power polarity protected	

PPS Inputs

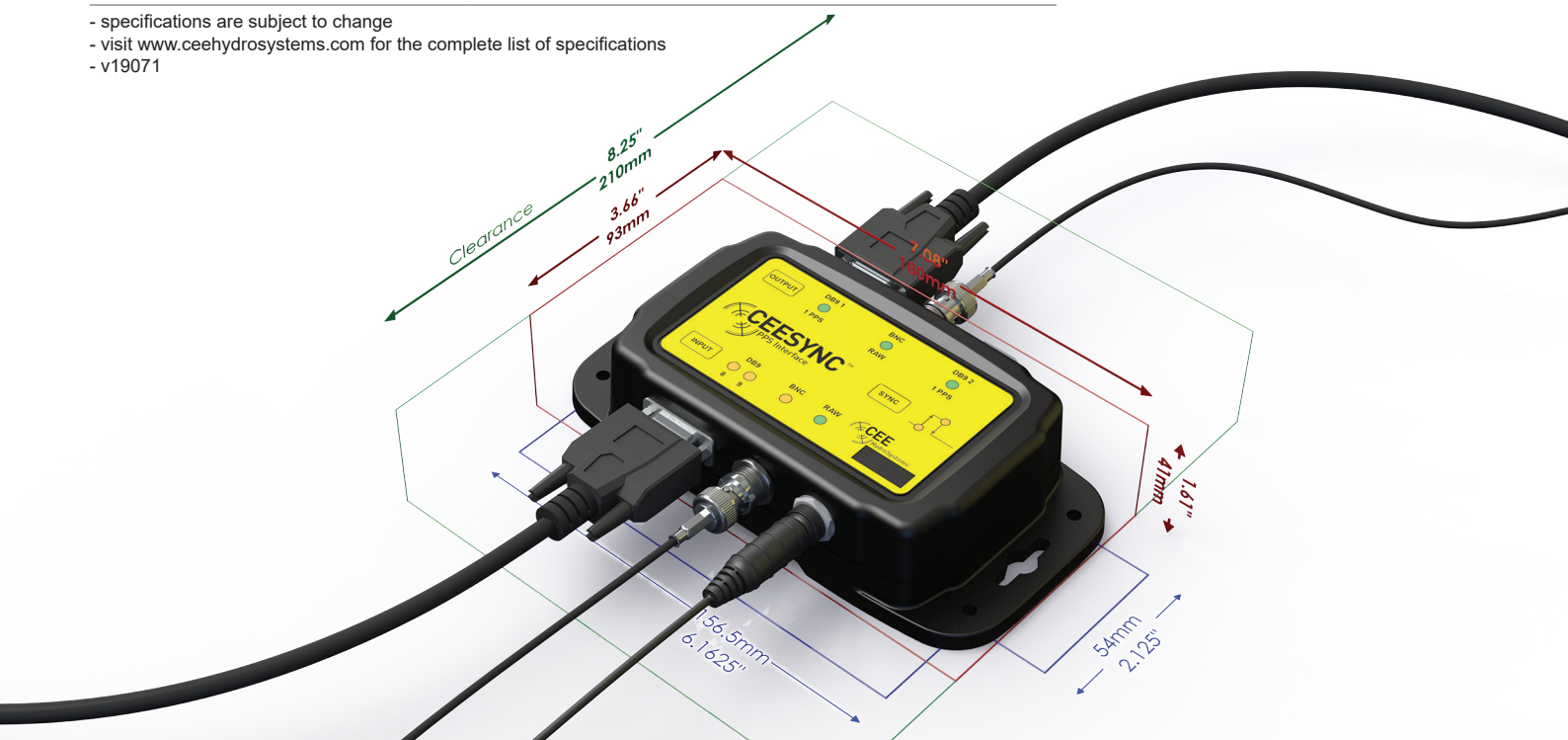
DB9	Select pin 8 or pin 9 RS-232
BNC	Raw PPS with TTL thresholds (0.8V / 2.0V)

Data Outputs

DB9 1	Modulated PPS (pin 8) RS-232
DB9 2	Modulated PPS (pin 8) RS-232
BNC	Raw PPS pass through (0-5V TTL soft output resistance)

All outputs are short-circuit protected

- specifications are subject to change
- visit www.ceehydrosystems.com for the complete list of specifications
- v19071



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