

# RECLINE

## Compact Sensor Unit (CSU)

---

RECLINE: REmote inCLINEnometer system

Datasheet Version 1.3

January 2017



### Compact Sensor Unit (CSU):

Sensor Range:	$\pm 30^\circ$ , one axis, vertical or horizontal mounting
Accuracy:	$< \pm 0.1^\circ$
Non-Linearity:	$< \pm 0.71\%$
Visual Reference Indicator:	$< 5\text{mW}$ Class 3R 532nm laser
Mounting:	Two (2) x mounting flanges. One either end with two (2) x M4 holes in each <sup>1</sup> Compatible with the TEQSAS LAP-TEQ mounting template
Connector:	XLR3, XLR5 or RJ45 etherCON with 1m flying cable <sup>2</sup>
Power Requirements:	9 – 18vdc supplied by the Display Unit
Operating Temperature:	0° to 50°c
Finish:	Powder Coated – Textured Matt Black
Dimensions:	130mm x 41mm x 34mm (L x W x D) <sup>3</sup>
Weight:	250 grams

<sup>1</sup> See ISO 261 for clarification, <sup>2</sup> 5 pin XLR fitted as standard, 3 pin XLR or CAT 5e also available. Please note that the 3 pin XLR does not allow for independent control of the laser. <sup>3</sup> Excluding cable