



# Series Features

Version 1.01

## Tiab Digital Controllers

Series1	Series2/c	Series2	Series3	Series4
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### Basic Features

Tiab CAA Mk2 case	√	√	√	√	√
... Rear panel to customer specification	√	√	√	√	√
Real-Time Digital Controller	√	√	√	√	√
USB2.0 link to PC	√	√	√	√	√
Tiab Base-Level™ Software	√	√	√	√	√
... VISTA and XP compatible	√	√	√	√	√
Analogue Inputs (+/-10V)	√	√	√	√	√
Discrete Inputs (up to 50V)	√	√	√	√	√
Analogue Outputs (+/-10V)		√	√	√	√
Discrete Outputs (5V, 24V or switched)		√	√	√	√
Servo Drives (+/-5,10,20,40 or 100mA)		√	√	√	√
Analogue Inputs (with filters and gain adjust)			√	√	√
Emergency Stop (with reset)			√	√	√
System Safety Watchdog			√	√	√
Conditioning Cards (dual channel)				√	√
Tiab Card Nest (4 or 8 channel)				√	√
Transducer conditioning rack				√	√
24V power supply				√	√
UPS (uninterruptible power supply)					√
19" Cabinet					√
Signal Conditioning in 19" cabinet					√

### Options

Calibration to ISO17025	√	√	√	√	√
Looms	√	√	√	√	√
CAN interface	√	√	√	√	√
Absolute/incremental encoder interface	√	√	√	√	√
Additional discrete inputs	√	√	√	√	√
Additional discrete output	√	√	√	√	√
Additional analogue inputs	√	√	√	√	√
Additional analogue/servo outputs	√	√	√	√	√
Additional conditioning boards	√	√	√	√	√
Additional software modules	√	√	√	√	√
Bespoke software readily designed	√	√	√	√	√

### Notes

Series2/c is available for standard designs with multiple orders.

