

Static weigh controller/amplifier – XK3101+

- Large 7 segment LED display, clear and simple to read.
- Four and six wire load cell inputs
- Interfaces with RS232 and 485
- Simple set-up, calibration and diagnostics
- Optional 4-20mA Output
- Optional Profibus DP



Application

XK3101+ weigh controller is a cost effective static weigh controller with used with

- Hoppers scales
- Platform Scales
- Weighbridges
- Crane Scales

The rugged design ensures a high degree of reliability and availability.

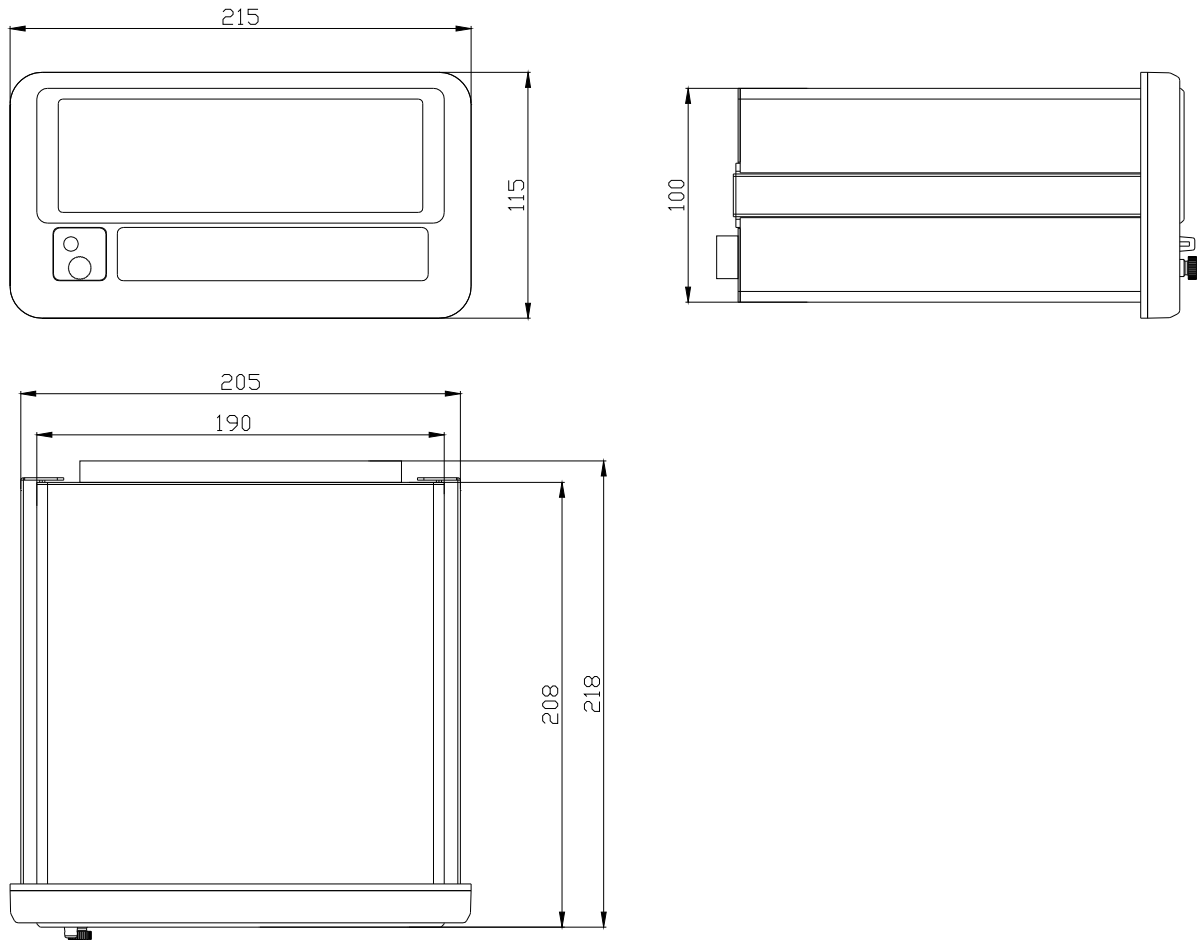
Features

The features of the unit include

- Easy to use 8-key splash proof keypad.
- Panel mount
- Red LED display, highly efficient, with 7 digits 15 mm high.
- 8000000 displayable divisions at 1.5 μ V/d
- Internal resolution up to 1000000 counts.
- A/D 24-bit 4-channel sigma-delta conversion, up to 200 conversions per second.
- Maximum and Minimum digital outputs.

- Connectable directly to 4 wire or six wire load cells via 9 pin plug up to 8 standard load cells having 350 Ohm input resistance.
- 240VAC power supply
- RS232C and RS485 communications
- Optional analogue output (0-10V or 0/4-20mA)
- Optional Profibus DP

Dimensions



Technical Data

Housing	Plastic front panel with Brushed Aluminium
Display	7 Character, 8 segment LED, 15mm high. 7 LED status alarm LED
Keypad	8 button
Resolution	1.5 uv/d, 24 bit processor, 1000000 counts resolution
Wiring	Plug-in screw terminals max. 0.5mm ² Optional Profibus via 9pin sub D (female socket)
Power Supply	200-240VAC 50Hz 20W
Ambient Temp.	-10° to 40° C
Inputs	Load Cell input $\pm 5V$, $>40\Omega$ (nominal 8 x 350Ohm load cells)
Outputs	6 x Digital outputs (12V/300mA) 4 x Digital inputs (12V to GND)
Protection Class	IP2X (front panel IP55)
Interfaces	RS232C and RS485 Optional Analogue Output 0-10V or 0/4-20mA Optional Profibus DP
Mounting	Cutout 190mm wide (+0.5-1mm) x 100mm high (+0.5-1mm) maximum 4mm thick

Due to our policy of continuous improvement, dimensions and specifications may change. Have dimensions certified for installation purposes.

