

## xLoader: Weighing System for Excavator

It is a simple and convenient system that can be applied to **Excavator** in every kind and in different tonnage. With the audible and visual warning screen and the advanced CANbus processor, it provides measurements with a maximum **deviation of  $\pm 3\%$**  as long as it is used in recommended conditions. The weighing resolution displayed on the screen is  **$\pm 10$  kg** sensitive.

xLoader Weighing System has the following features:

- Display of lifted load with IP67 sensors
- Quick setup and on-screen calibration (no computer required)
- Communication with CAN-Bus protocol
- Service / maintenance planning (optional)

With the operation of the system, the signals from the 3 pieces of **ANGLE** and the hydraulic **PRESSURE** sensor and the CAN messages are checked. If there is no information from any sensor, the corresponding alarm message is displayed on the screen, audible warning (buzzer) is heard.

### Weighing Record:

Each bucket weighing each time you press (or automatically) the **ADD** button on the touch screen is added to the **TOTAL** load. Even if the system is turned off and on, the total load is stored in the memory as long as the **RESET** button is not pressed.

Thanks to this feature, the load carried by loading trucks with the xLoader Weighing System can be calculated without having to go to the weighbridge.

Thanks to the built-in **black box**, backwards weighing of **1000** weighings (Date-Time and Weighing) are recorded on the screen.

### Optional Camera:

Thanks to the sophisticated xLoader display, the back view camera can be connected to the installer. Thus, both the scale and the camera are monitored via the xLoader screen.

### Optional Printer:

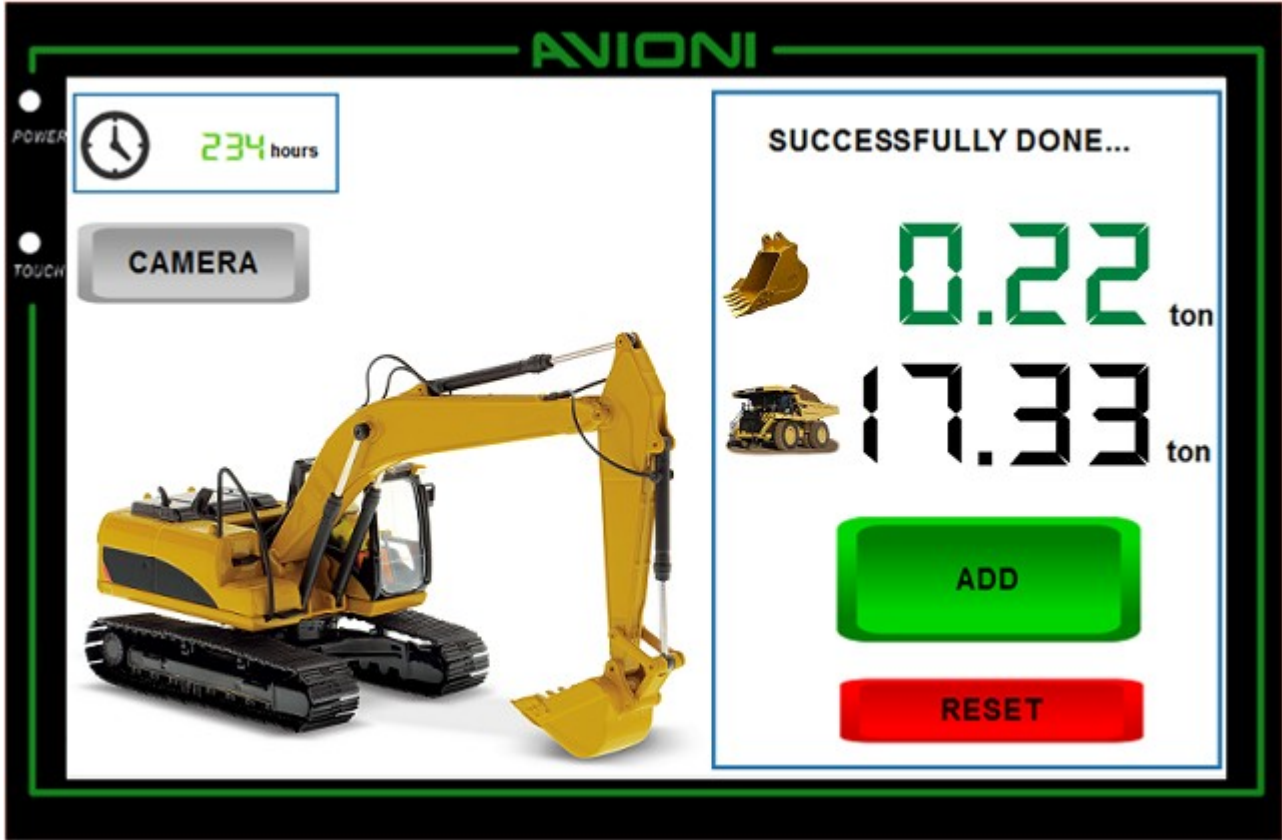
With the in-vehicle printer showing the total weighing that will replace the weighbridge, the total load information on each load can be taken as output from the printer connected to the screen.

## 7" Touchscreen IP65 Display

AVIONI Electronics Technologies Co., Ltd.

The Office Plaza - No:136 - Mall of Istanbul - Basaksehir – ISTANBUL - TURKIYE  
www.avioni.com.tr e-posta: info@avioni.com.tr Tel:+90 212 970 2143





**CPU:** 32bit 720MHz ARM Cortex A8

**RAM:** 512 Megabyte (DDR-III)

**Flash Memory:** 4 Gigabyte (EMMC)

**Resolution:** 800x480 piksel

**Screen:** 7" resistive touchscreen

- USB Port: x2
- SD Card: Yes
- Serial port: (RS232, RS485, RS422)
- CAN-Bus: 2.0B
- USB camera and IP camera supported
- Printer & Scanner supported
- Power Supply: 12V and 24V
- CE : EN61000-6-2:2005 and EN61000-6-4:2007
- FCC sertifikası: FCC Class A

