

BX65/BX66 Weighing Terminals

For industrial applications & solutions



Features

- Stainless steel 7" & 10.1" touchscreen weighing terminals
- IP67 sealed version for 7"
- OIML 10000d, 3 x multi range and multi interval approved
- Configurable menu, ticket
- Multi language

Standard Applications

- Labelling & data collection
- Truck Scale
- Milk/Coffee collection scale
- Statistical Quality Control (SQC)
- Customized solutions

Connectable Peripherals

- PC Keyboard & Mouse
- Printers & Remote Display
- Barcode & RFID Readers
- Traffic Lights & Tower Lamp
- Optic Sensors & Road Barriers
- 2nd Scale Platform (BX66)
- IP Camera & Balance (BX66)

Powerful Data Management

- Data export to USB memory
- Offline file transfer to PC via Data Editor Software
- Web service for direct connection to MSSQL
- Interfaces: Eth.TCP/IP, RS232C 2xUSB, Digital I/Os, Centronics



BX65 & BX66 Weighing Terminals are stainless steel, Windows CE based industrial computers designed for transactional weighing and solutions. 7" (BX65) and 10.1" (BX66) color LCD touchscreen monitors provide intuitive and easy transactional operation. Standard models are IP30 protection. But, BX65 has IP67 protected sealed version.

Available with standard application software; Labelling & Data Collection, Truck Scale, Milk Collection Scale, SQC-Statistical Quality Control. They are very flexible for customized software. Depending on applications, they can be connected to Barcode and RFID readers, Text and Label Printers, Traffic light, Tower Lamp, Position Sensor, PC Keypad & Mouse, IP Camera, Precision Balance and PC.

Powerful manual or automatic data integration alternatives; exporting weighing data to USB memory as CSV file, offline file transfer with BAYKON Data Editor software as Excel to PC and direct transfer to MS SQL via Web Service.

Technical Specifications

Model	BX65	BX66
Accuracy class & EU type approval	OIML class III, single range, multi range or multi interval up to 10.000 division	
Display	Active TFT 7" color LCD Touchscreen	Active TFT 10.1" color LCD Touchscreen
Display resolution	Up to 500 000	
A/D conversion	24 bit Delta-Sigma ADC	
Minimum input sensitivity	0.4 $\mu\text{V}/\text{e}$ (Legal for trade), 0.1 $\mu\text{V}/\text{d}$ (Industrial usage)	
Analogue input range	-5 mV to +19 mV	
Internal resolution	Up to 16 000 000 counts	
Keyboard	Softkeys with Tare, Clear, Zero, Print and Functions	
Status annunciators	Gross, net, motion, center of zero, units	
Conversion rate	Up to 1600 conversions per second	
Operation system	Windows CE	
Calibration	Calibration with test weights, eCal- Electronic calibration without test weights, Zero adjustment, Gain adjustment, Coefficient entry	
Digital filter	5 Adjustable adaptive digital filter	
Scale functions	Taring, zeroing, auto zero tracking, motion detection, auto-zero at power-up, automatic taring, automatic clear, automatic print	
Standard application software	Basic weighing (BX65 - Basic) Truck Scale (BX65 - Truck) Labelling & Data Collection (BX65 - Label) Milk Collection Scale (BX65 - Milk) Net weight control (BX65 - SCQ) Customized software solutions (BX65-Custom)	
Languages	English, German, French, Spanish, Italian, Arabic, Russian, Hebrew, Turkish	
Interface	2 x USB, RS232C, Centronis Parallel Port, Ethernet TCP/IP (10 / 100)	
Digital I/O (Optional)	4 digital isolated inputs / 4 digital relay outputs	
Load cell excitation	5 VDC, max. 125 mA	
Number of load cells	Up to 8 load cells 350 Ω or up to 24 load cells 1150 Ω (min. 43 Ω)	
Load cells connection	4 or 6 wire technique, cable length 1000 m/mm ² for 6 wire connection	
Operation temperature	-15°C ~ +55°C max. (Operational), -10°C ~ +40°C (Legal metrology)	
Humidity	Max. 90% non-condensing relative humidity legal metrology max. 80 %	
Enclosure	Stainless steel, Desk & wall type, IP30	Stainless steel, Desk type, IP30
Power requirement	90 - 240 V AC, 50 / 60 Hz or 11-28VDC	

Dimensions (mm)

