

BXL-S100 Wireless Ultrasound

• Technical Specifications

- 1.1 Waterproof and dustproof, waterproof rating IPX7; sturdy and durable
- 1.2 Fully digital wireless ultrasound system for animals, suitable for scanning cattle, sheep, horses, pigs, donkeys, camels, small animals, wildlife, etc.
- 1.3 Built-in lithium battery, working endurance ≥ 5 hours. Type-C data cable charging, supports wireless charging, car charging, fast charging, power bank supply
- 1.4 The main unit system comes with a Wi-Fi module for wireless transmission, 5G transmission
- 1.5 Wireless connection to display supports: tablets, smartphones, laptops, desktop computers. Display size, resolution can be selected
- 1.6 Free APP wireless display for the display, compatible with operating systems: Android, Windows
- 1.7 Inspection types: The software has built-in preset modes for inspection of embryos, ovaries, uteruses, urinary systems, back fat, and other parts corresponding to cattle, sheep, horses, pigs, donkeys, etc., and can select various modes for corresponding inspections and professional measurements. ≥ 30 inspection modes
- 1.8 Image display modes: B, 2B, 4B, B/M, M, and other display modes.
- 1.9 Harmonic imaging: Two gears Frequency: 5-10MHz Gain adjustment: 0-255 Dynamic range adjustment: 0-15 Transmit power: 0-3
- 1.10 Focus: 1-6 11-gear adjustment Deflection angle: $-5-5$ Three-gear adjustment
- 1.11 Scanning depth: Rectal linear array probe maximum depth ≥ 27 cm
- 1.12 Fragment gain: TGC eight segments adjustable, TGC can be adjusted with one button
- 1.13 System gray level: 256 levels, system dynamic range ≥ 180 dB, A/D conversion ≥ 12 bit
- 1.14 Number of channels: 16
- 1.15 Main unit probe: 6.5MHz rectal linear array
- 1.16 Body markers: Different parts of the body markers for cattle (embryos, ovaries, uteruses, urinary systems, back fat, buttocks, etc.), pigs (embryos, ovaries, uteruses, urinary systems, back fat, buttocks, etc.), goats (embryos, ovaries, uteruses, urinary systems, back fat, buttocks, etc.), water buffalo, sheep, alpacas, cats, dogs, etc., not less than 60 kinds of body markers
- 1.17 Measurement and analysis: Supports basic measurements such as distance, circumference, area, circular area, etc., equipped with a variety of professional obstetrics analysis software packages for animals, ≥ 30 kinds of animal obstetrics measurement types. Multiple measurement functions such as heart measurement
- 1.18 One-click measurement of back fat thickness function
- 1.19 Storage: Static image storage and preview, when saving images, body markers can be added to the image, dynamic movie image storage and playback ≥ 255 frames, expandable
- 1.20 Animal report: Can edit animal ear tag number, various states, etc., when saving this animal image, take photos of the animal to perform corresponding functions
- 1.21 Main unit rated input: DC9.0V 2.22A; Adapter output: DC9.0V 2.22A
- 1.22 Power: 100-240V \sim 0.8A Frequency: 50-60Hz
- 1.23 Weight: Whole machine weight 300g (with probe)
- 1.24 Image frame rate: 60 frames/second
- 1.25 Main unit size: Approximately 174 \times 70 \times 28 mm (length \times width \times height);

