

# EB-Switch

Superior Wireless Color  
Doppler Ultrasound Scanner

## Cutting-edge Wireless Ultrasound for Specialized Veterinary Care

EB-Switch Ultrasound Scanner integrates state-of-the-art technology with extensive clinical applications, all within an ultra-lightweight, portable handheld design. Specifically engineered for high-demand veterinary environments, it features built-in WiFi and USB connectivity, enabling seamless external display operation with computers, tablets, and smartphones. With the EB-Switch, ultrasound examinations can be performed anytime, anywhere, delivering unmatched flexibility and accessibility.

**220g**

Light Weight

**6 hr**

Battery Life

**10**

Probe Types



Micro-Convex  
**C7 HD - Micro-Convex**

**Frequency:** 5–8 MHz  
**Max Depth:** 12 cm

**Applications:**  
Small parts, MSK, Ped, ABD, bladder  
Cardiac, lung



Linear  
**L7 HD - Linear**

**Frequency:** 6–11 MHz  
**Max Depth:** 12 cm

**Application:**  
Vascular, Lung. Also for: Breast, MSK,  
Nerve, Ocular, Small  
Parts / Animals, Anesthesia



Linear  
**L15 HD - High-Frequency**

**Frequency:** 6–15 MHz  
**Max Depth:** 12 cm

**Applications:**  
Abdominal, Lung, OB/GYN,  
Superficial, Vascular  
Injections, nerve, Breas MSK  
Thyroid, Small parts.



Convex  
**C2 HD Convex**

**Frequency:** 2–5 MHz  
**Max Depth:** 40 cm

**Applications:**  
Pigs, Sheep, Large dogs, Large animals



Linear  
**L10 -4VS - Linear**

**Frequency:** 4–10 MHz  
**Radius of Curvature:** L64

**Applications:**  
Cattle, Horses, Camels, Large animals

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## COMFORTABLE CONTROL

### Do more with your hands

As a veterinary clinician, your focus belongs on your patient—not on navigating complex equipment. The EB-Switch features ten thoroughly integrated physical buttons, engineered for intuitive one-handed operation. Adjust settings, refine imaging parameters, and capture critical images and clips seamlessly—without removing your hand from the probe or breaking your scanning rhythm.

This veterinary-specific ergonomic design eliminates unnecessary interruptions and distractions. Whether you're performing a precise cardiac scan on a small animal or a detailed tendon assessment on a horse, you maintain full control and imaging accuracy. Complex workflows become smooth, uninterrupted examinations. The outcome? Faster, more efficient care that keeps you fully focused on what matters most: your patients.

- On/Off & Freeze: Instantly power up or freeze the image for quick assessment.

- Increase/Decrease: Adjust gain, depth, and other parameters with a single tap.



- Switch Mode & Save Image: Toggle between imaging modes and save critical findings without interrupting the exam.

- Navigate Menu: Access presets and settings seamlessly, keeping your workflow on track.

## Handle your diagnosis

### ONE-HANDED OPERATION

As a clinician, focus entirely on your patient—not your device. The **EB-Switch** integrates a single-probe body with interchangeable heads, 160g ultra-light construction, ergonomic grip, and full waterproofing for consistent control and precision during exams. With dimensions of 150 × 40 × 25 mm, it fits perfectly in your hand, allowing seamless performance in both sterile clinics and challenging field environments.

### WIRELESS CONNECTION

Let your workflow move freely, unchained by cables. The **EB-Switch** delivers universal compatibility across Android, Windows, pairing effortlessly with your phone, tablet, or computer. Real-time image access, review, and sharing simplify case consultations, collaborative diagnostics, and record management—all without the hassle of cables.

### ALWAYS READY TO SCAN

In critical care, every second counts. The **EB-Switch** boots in under 5 seconds for instant scanning readiness. With a battery life of up to 6 hours without interruptions, it reliably supports prolonged examinations of horses, small animals, and herds without any interruptions during the session. No downtime, no delays—reliable performance when it matters most.

### AT VETERINARIANS' SIDE

The **EB-Switch** is built around your workflow, not the other way around. Featuring tailored veterinary presets optimized for companion animals, horses, cattle, sheep, and livestock, it aligns perfectly with the unique anatomy and diagnostic challenges of animal care. Intuitive, preset-driven operation eliminates guesswork, accelerates learning, and enables faster, more precise diagnoses—allowing you to focus on what matters most: your patients.



PPSU + TPU construction for superior ergonomic comfort and handling.

High-definition ultrasound imaging delivers exceptional clarity and diagnostic precision.

Lightweight, ergonomic handheld design ensures comfortable, fatigue-free operation.

Versatile Wi-Fi & USB dual-mode connectivity supports Android and Windows systems for seamless integration.



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## PORTABLE AND VERSATILE

### One device, all applications

As a veterinary clinician, you need a tool that adapts to your practice—not the other way around. The EB-Switch integrates a full suite of specialized applications, precisely fine-tuned for comprehensive scanning across small animals, equines, and farm livestock. Its wireless, ultra-portable design delivers consistent, high-precision imaging wherever you work: in the clinic, at the stable, or out in the field.

Whether you're performing a cardiac evaluation on a dog, assessing tendon integrity in a horse, or conducting reproductive scans for cattle and sheep, the EB-Switch tailored presets and versatile imaging modes guarantee the clarity and detail you need for confident, accurate diagnoses. No more juggling bulky, single-purpose systems. One device, one streamlined workflow, all your patients covered.



#### B-MODE

For clear, detailed anatomical imaging of soft tissues and organs.

#### M-MODE

For precise measurements of cardiac function and movement.

#### PW Doppler

For targeted blood flow analysis and vascular assessment.

#### CFM Doppler

For real-time visualization of blood flow patterns in organs and vessels.

#### Power Doppler

For sensitive detection of low-flow perfusion in tissues.

The only wireless ultrasound that lets you swap probes in seconds, so you never miss a scan—no matter the patient, no matter the place.

#### For mobile & field vets

Probe-swapping speed.  
No downtime.  
No boundaries.

#### For equine & livestock care

One device, endless exams.  
From stable to field, no setup delays.

#### For small animal clinics

Seamless probe changes.  
Uninterrupted patient care.

#### For multi-species practices

Click-and-go precision.  
One tool for pets, horses, and livestock.

#### For emergency response

Near-instant probe swaps. Ready when seconds matter.

Swap probes in  
seconds, never miss a scan

## NEAR-INSTANT REACTION TIME

EB-Switch eliminates downtime with its rapid swap probe system, engineered to seamlessly meet diverse veterinary diagnostic needs. Switch probe heads effortlessly in seconds—no tools, just click-and-go precision. The device's near-instant response ensures settings automatically adjust to the new probe, keeping workflows smooth and letting veterinarians stay focused on patients.

This mobile, waterproof ultrasound system is built for non-stationary veterinary practice: house calls, animal shelters, stables, and field environments alike. Its ergonomic design enables intuitive one-handed operation, while WiFi and USB connectivity support real-time image transmission to Android devices, and Windows computers.

Available in Color or Black/White versions, the EB-Switch offers a choice of eight interchangeable transducer heads, making it the ultimate all-in-one diagnostic solution. Whether switching from equine tendon assessments to small animal abdominal scans, or from cardiac evaluations to livestock examinations, the EB-Switch eliminates cumbersome setup and redefines efficiency across every veterinary setting.

## Available Transducers

| Transducer               | Frequency Range | Radius of Curvature | Application                                                       |
|--------------------------|-----------------|---------------------|-------------------------------------------------------------------|
| Convex Cardio transducer | 2 - 5 MHz       | R50                 | Abdomen and examination of pregnancy in large animals, cardiology |
| Convex transducer        | 2 - 5 MHz       | R60                 | Abdomen and examination of pregnancy in large animals             |
| Linear transducer        | 6 - 11 MHz      | L40                 | Abdomen small animals, muscles, vessels                           |
| Linear transducer small  | 6 - 11 MHz      | L40                 | Abdomen small animals, muscles, vessels                           |
| Micro-convex transducer  | 5 - 8 MHz       | R15                 | Abdomen small animals, cardiology                                 |
| Vaginal transducer       | 5 - 8,5 MHz     | R10                 | Examination of pregnancy in large animals                         |
| Linear Endo transducer   | 4 - 10 MHz      | L64                 | Examination of pregnancy in large animals                         |
| Convex Endo transducer   | 4 - 10 MHz      | R50                 | Examination of pregnancy in large animals                         |

