Wireless Patient Monitoring

Live ECG streaming for mobile users and in-hospital ICU units.
Full network integration with WAP Access point technology and Wi-Fi.
Optional web server upload for telemedicine providers.
Ideal for real-time animal supervision.
Monitoring of up to 21 patients in parallel per system.
Suitable for small and large animals.
Easy to use monitoring software.
Telemetry included.

Now WiFi enabled

All products are for veterinary use only -not for human use-.
How it works

**VET-Scout** sends live ECG data wirelessly to a Bluetooth or Wi-Fi enabled phone, tablet, computer.

ECG signal trace can be viewed in real-time on phone, tablet or computer.

**VET-Explorer** software displays and analyzes data online, triggers alarms. Holter offline recordings can be downloaded/analyzed in minutes.
VET-Scout monitors patients on 2 channels differential.

Display of 2 Lead ECG trace live online (ICU unit or e.g. horse barn).

Continuous live monitoring for 48 (96) hrs online or up to 3 (7days) offline Holter recording. (Extended battery).

Advanced data compression enables recording of all data throughout entire length of recording. Automated ECG analysis simplifies event detection and saves operator time.

Optional features include live online monitoring of:

- Body temperature
- SpO2
- Activity levels with highly advanced 3D accelerometer
VET-Explorer software manages and controls all connected VET-Scout recorders in parallel.

VET-Explorer is designed to work in a multi-user network environment and used in large hospitals worldwide.

Software functions include advanced analysis algorithms and automated report generation.

Settings include alarm variations for medication monitoring.

VET-Explorer is easy to use and tested on Windows XP, 7, 8.

Live data transmission via Bluetooth or Wi-Fi ensures optimal range and signal integrity.
Telemetry for ICU units

Bluetooth WAP Access Point or Wi-Fi router operates up to 21 recorders in parallel and feeds signals live from recorders into the hospital LAN network.

Display of all streamed ECGs on multiple Monitors simultaneously.

Automated analysis of incoming ECG stream with programmable visual & audible alerts.

Monitoring of patients from different locations inside LAN network and via VPN/Internet from outside provides flexibility and safety for Intensive Care Unit operators.
Upload offline **VET-Scout** Holter recordings to secure cloud-server.

Your team or Dextronix experts analyze the data and provide findings to the customer using sophisticated software.

**VET-Explorer** can analyze a 3 day Holter in seconds. A trained operator can generate a report within several minutes.
**Recorder specification**

**VET-Scout** recorder is a miniaturized ECG monitor and suitable for cats, dogs, horses and other animals

Size: 61 x 37 x 18 mm (2.39 x 1.45 x 0.7”)

Weight: 42 g (1.5oz) incl. Li-Polymer battery for 48/96hrs online, 3/7day offline

1,2,3,4,5 – Lead capability, 150-500 Hz resolution

30,60, 120cm electrode cables, US or EAN coding

Bluetooth or Wi-Fi live online data transmission

USB download (offline), 2GB internal memory

Water-resistant, shock proof

3D accelerometer, optional

SpO2 monitor, optional

Body temperature, optional
Software options

APPLE Multi-ECG App for iPhone, iPad
ANDROID Multi-ECG App for Android tablets
Initiate recordings and view live online ECG streams

VET-Explorer Software for Windows XP, 7, 8
Control/ operate multiple recorders in parallel for live patient monitoring in ICU unit.
Manage patient data base on network or locally.
Initiate Holter recordings for outpatients.
Analyze downloaded Holter recordings
Ideal for in-hospital ICU and remote animal supervision/telemedicine providers.

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VET-Scout recorders are designed for use in harsh environments. Designed for use on dogs and cats it can also operate with horses and seals*. Recorders with cables attached are splash-proof and Shock proof. Electrode cables are sufficiently shielded to improve signal quality and mechanically reinforced for tough use.

* Underwater use requires special precautions. Seal photos courtesy of Dr. Fonfara & team, University of Bristol, UK

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The **VET-Scout** system is the smallest wireless digital heart monitor currently available for veterinary use.

Mobile Apps for Apple and Android allow mobile users to view live heart streams in the field and share data via email/server upload.

The in-hospital use **VET-Explorer** software manages up to 21 patients in parallel. ICU units can monitor ECGs and optionally body temperature, activity levels and SpO2 levels. **VET-Explorer** integrates in any WAP or Wi-Fi network including telemetry.