

Veterinary Medicine – Location of Infection / Damage



IR image of
portion of leg
scanned by camera

Areas of red indicated
high temperature and is a
sign of infection

Infections can be highly contagious and are difficult to detect in early stages. There is a need to quickly and easily identify infections in animals before it is spread to other animals or the animal becomes severely ill.



Solution:

An infrared camera is employed to quickly locate areas of infection on the animals.

The infrared images reveal hot spots on the animals indicating areas of damage or infection. These areas would appear red. This process of infection/damage detection can be used over the entire animal with no adverse health effects.

The camera is non-invasive and is less stressful to the animal. It can be used by veterinarians or by farmers to quickly scan livestock. The infrared camera gives the user the ability to detect infections early, before the animal begins to outwardly exhibit signs of infection.