

SATIR CK350 - M

Veterinary Medical Camera

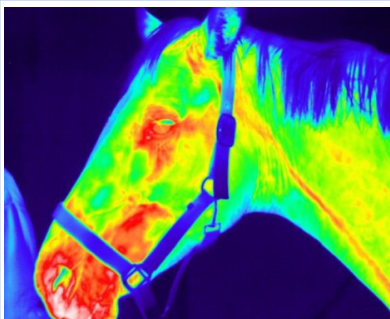
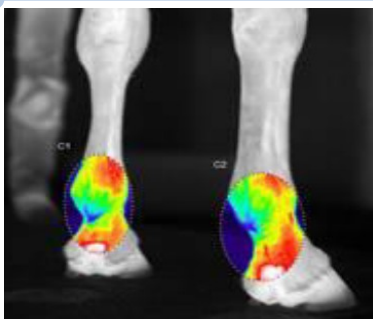
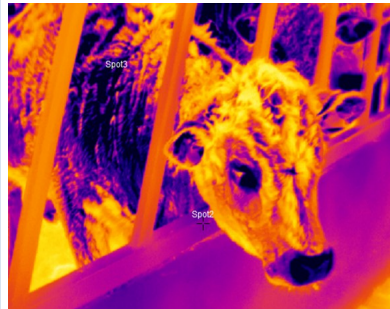
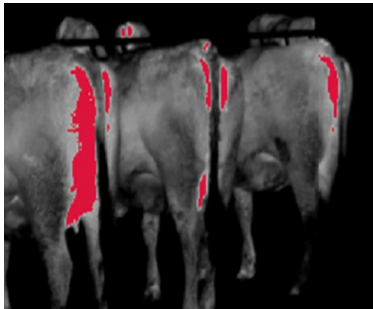


SATIR CK350-M is an uncooled microbolometer with built-in temperature measuring functions and thermal video & image recording. The camera has multiple palette modes that can display detailed thermal images. Multiple software packages are available that provide a full range of measurement tools this includes line, spot, trend & area analysis. The software also allows the users to set an alarm, to alert them of a high temperature.

The SATIR CK350-M is an ideal thermal imaging solution for veterinary/medical applications, as it's high thermal sensitivity can detect slight temperature differences. It can be easily mounted to a tripod if it needs to be used in different environments from farms to clinics.

Features

- 384x288, UFPA Detector
- Specially designed optical system for medical diagnosis
- Powerful analysis tools
- Operation software optimised for medical diagnosis & analysis
- Suitable for tripod mounting
- Multiple Software Packages Available



Camera Name	CK350-M
Resolution	384X288
Thermal Sensitivity (N.E.T.D)	0.05°C ≤ 30°C
Detector Type	FPA Uncooled Microbolometer
Spectral Range	8-14μm
Field of View (FOV)	24° X 18° / 20mm
Spatial Resolution	1.09 mrad
Palette	Grey, Iron, Rainbow & inverts
Interfaces	
USB Transmission	Yes
Power	
Requirements	12VDC
Consumption (Heating/Normal)	N/A, ≤5W
Environmental Specification	
Operating Temperature Range	0°C ~ +50°C
Storage Temperature Range	-40°C ~ +70°C
Humidity	≤95%, non-condensing
Encapsulation	IP54
Shock Resistance	25G
Vibration Resistance	2G
Software	
Standard Software	SatirReport USB
Measuring Range	0°C ~ +60°C
Measuring Accuracy	±0.5°C
Measurement Tools	Spot Analysis, Hot/Cold Capture, line analysis, isotherm area, area analysis, polygon area, measuring report, trend analysis, histogram, palette settings
Measuring Parameter settings	Emissivity, Ambient Temperature, Distance, relative humidity
Image Adjustment	Auto/Manual
Over – temperature Alarm	Yes
System Features	
Temperature Alarm signal output & record	Yes
Measuring Report automatically generate	Yes
Storage Function on PC	
IR Image Real-time Playback/Recording	Yes
IR image offline analysis	Yes
Video & Image recording	Yes
Text annotation	Yes
Physical Characteristics (Camera Body)	
Weight	1KG
Dimensions	200mm x 110mm x 100mm
Recommended PC Configuration	
PC Configuration	Windows 7 OS or later, 2GHz dual-core CPU or above, 2G RAM or above 100M or more NICS,

Please be aware specifications can vary from time to time

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