Wired Flat Panel Detector

Vincent Medical's flat panel detector supports two size options(14"*17" & 17"*17") to meet different clinical imaging requirements for veterinary use.





Technical Specifications

Model	50-4336-WD	50-4343-WD
Scintillator	CsI/GOS	CsI/GOS
Active Area (inch)	14x17	17x17
Pixel Matrix	2496×3040	3072×3072
Pixel Pitch (µm)	140	140
Spatial Resolution (lp/mm)	3.4	3.4
Full Image Time (s)	5	5
Dimension (mm)	462*384*16	462*462*16
Weight(kg) including battery	3.25	4.1
A/D Conversion (bit)	16	16
Communication Interface	Gbit Ethernet	Gbit Ethernet
Load-bearing (kg)	135	135
Trigger Mode	"AED & Hardware sync & Software sync & Fixed integral "	"AED & Hardware sync & Software sync & Fixed integral "
Ingress Protection	IP54	IPX4
Operating Temperature (℃)	10 ~ 35	10 ~ 35
Operating Humidity(%RH)	30 ~ 90	30 ~ 90
Storage Temperature (℃)	-20 ~ +55	-20 ~ +55
Storage Humidity(%RH)	30 ~ 95	30 ~ 95

Technical Specifications

Model	50-4336-WL	50-4343-WL
Scintillator	CsI/Gos	CsI/Gos
Active Area (inch)	14x17	17x17
Pixel Matrix	2496×3040	3072×3072
Pixel Pitch (µm)	140	140
Spatial Resolution (lp/mm)	3.4	3.4
Full Image Time (s)	6	6
Dimension (mm)	462*384*16	462*462*16
Weight(kg) including battery	3.55	4.5
A/D Conversion (bit)	16	16
Communication Interface	Gbit Ethernet & WIFI 5G	Gbit Ethernet & WIFI 5G
Battery Standby Time(h)	8	8
Load-bearing(kg)	135	135
Trigger Mode	"AED & Hardware sync & Software sync & Fixed integral "	"AED & Hardware sync & Software sync & Fixed integral "
Operating Temperature (℃)	10~40	10~40
Operating Humidity(%RH)	30 ~ 75	30 ~ 75
Storage Temperature (°C)	-20 ~ +55	-20 ~ +55
Storage Humidity(%RH)	30 ~ 93	30 ~ 93

Wireless Flat Panel Detector

Vincent Medical's wireless flat panel detector features more accurate AED, clearer image details, and longer battery life.







Registration wire rame Specie Age Gender View body parts Oest damo Oest sim eme/108111735 D06 0000 SKULL/P0_SKULL(PV_SKULL LAT, 28210811 173345 eme/108111735 D06 D000 SKULL/P0_SKULL(PV_SKULL LAT, 28210811 173345 Search Sava Report

Superior Image Acquisition and Processing System

Vincent Veterinary Workstation is an image acquisition and processing system designed and developed by SONTU. With animal body characteristics and structural differences considered, it ensures the best image acquisition at the lowest exposure dose and has obtained the computer software copyright from the NCAC. Easy-to-use interface, smooth and intelligent operation process, support emergency quick exposure and DICOM image export and data retrieval.

Vincent's professional software development team has developed many advanced clinical applications. All these functions are well suited to Vincent's products to deliver clear images.

Superior Image Acquisition and Processing System

Panoramic Stitching

Panoramic stitching technology breaks through the limitation of the panel size, and allows for stitching of multiple images with one click, meeting the needs of full-length photography of large-sized animals.

VHS - vertebral heart size measurement function

The VHS measurement function, by measuring the animal's heart and thus monitoring the range of heart enlargement/decrease, provides specific data for veterinarians to determine the size of the heart and aids in the diagnosis of common heart diseases such as dilated heart disease, mitral valve endocarditis and heart failure.

TTA - tibial trochanteric advancement measurement function

The TTA measurement function provides data reference for the treatment of anterior cruciate ligament (ACL) rupture in the knee joint of animals by measuring the size between the femur and tibia.

HD - hip dysplasia measurement function

The HD measurement function is used to measure and analyze the position of the hip joint in relation to the femoral head in animals for assessing the severity of inflammation and joint laxity.

TPLO - tibial plateau levelingosteotomy measurement function

The TPLO measurement function is used to measure the tibial plateau angle or tibial obliquity in animals, providing data reference for the treatment of knee related conditions due to ACL rupture.











Image Galleries