

# duraSCAN I417

duoPIX™ realizing Finder and Higher even more durable



Minimal Dead Space

## Overview

duraSCAN™ offers innovative and powerful X-ray imaging solutions for **NDT** (Non-Destructive Testing), **EOD** (Explosive Ordnance Disposal) and **Security** with industry-leading performance and cutting-edge features.

Its non-competitive performances derives from Biosensstech's own duoPIX™ X-ray imaging panel technology enabling ultra-high resolution (13.5M pixels), low noise and high dynamic range with best-in-class. Furthermore, its two-sided minimal dead space provides dramatically minimized loss of imaging area for the objects on any side of two edges.



NDT



EOD



SECURITY

## Specification

### Detector

Receptor	duoPIX, Fill the max
Conversion Screen	Gd <sub>2</sub> O <sub>2</sub> S:Tb
Pixel Pitch	105μm
Pixel Matrix	4096 x 3300 (13.5M Pixels)
Active Pixel Area	347mm x 430mm (14" x 17")
Housing	Full cover CFRP with Al Frame
Weight	3.6kg
A/D Conversion	16bits
Preview Time (Wired)	1.5sec Normal 0.5sec Thumbnail
Image Storage	1,000 Images
Data Interface	1Gbps Ethernet Wired Interface 802.11 a/b/g/n/ac Wireless Interface
X-ray Interface	Automatic Exposure Detection Wired Trigger Connection
Operating Temperature	-20 ~ 55°C (wiring)
Operating Humidity	10 ~ 100% RH
Ingress Protection	IP67
Energy range	40 ~ 330kV
Battery Performance	10hours

### Power supply unit

Power Supply	100/240VAC, 50~60hz
Programmable I/O	Single port for each Input and output

### Accessory

Power Cord, 1.5m
Interface Cable, 5m/10m

### Optional Features

Trigger Cable	X-ray Trigger Interface Cable
Ethernet Cable	Cat.6 Ethernet cable

## Features

### BioSensTech's own QAPS X-ray Panel Technology

105μm Pixel Pitch (13.5M Pixels) with  
Ultra-high Resolution, Low Noise,  
High Dynamic Range with Best-in-class

### Minimal Dead Space

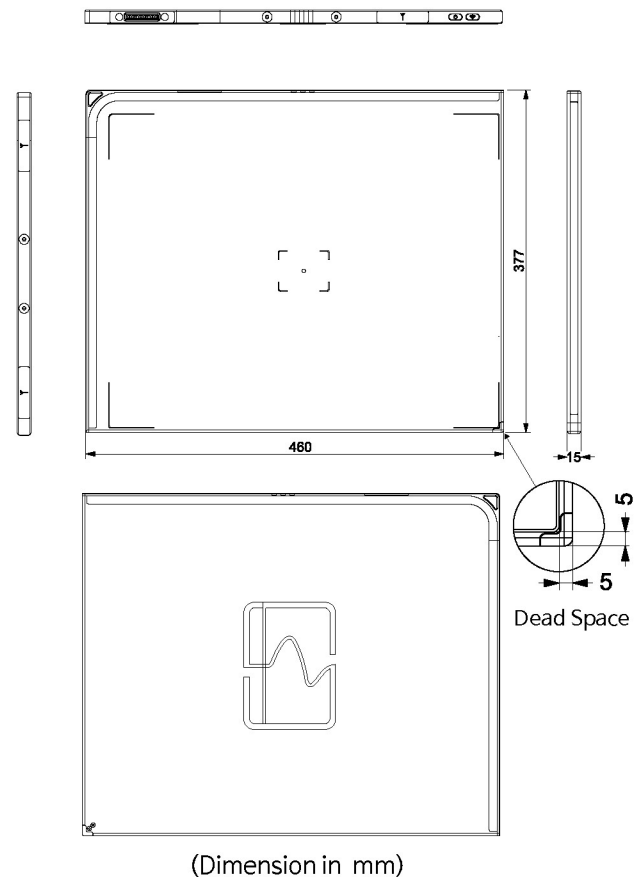
5mm Dead Space on Two-sided Edges

### Smart Power Management

Instant Image Acquisition from Deep Sleep Mode

### Ultimate Durability

1 meter drop reliability  
IP67 Certified



BioSensTech Inc.

[www.biosenstech.com](http://www.biosenstech.com)

D402 Yoingin TechnoValley, 357 Guseong-ro,  
Giheung-gu, Yongin-si, Gyeonggi-do, Korea 16914

[contact@biosenstech.com](mailto:contact@biosenstech.com)

Copyright© 2019. Biosenstech inc. All Rights Reserved.