

# SENSORS IX500:64.64.04

## PRODUCT DESCRIPTION

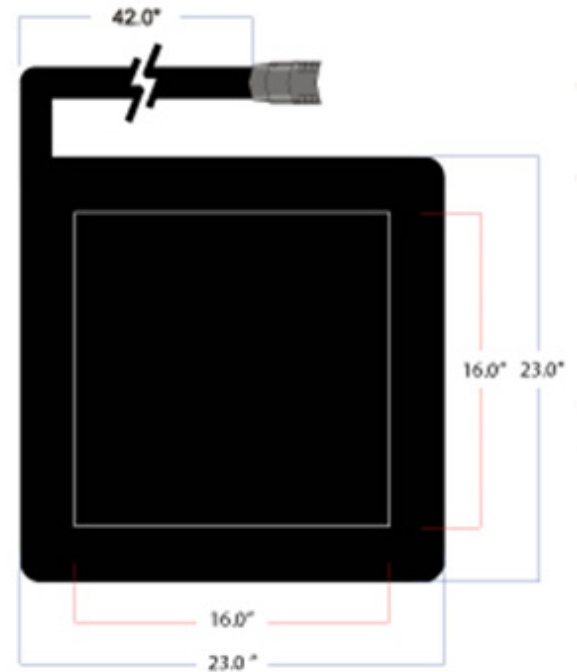
The X3 IX500:64.64.04 is a stance pad sensor. The sensor has been designed to measure standing and striding foot pressures. A durable urethane cover provides extra protection and durability for heel strike and running movements. The sensor provides a high frame rate for recording foot movements. The IX500:64.64.04 generates foot profiles and analyzes foot pressures from standing, to walking, to running.

SENSING	
<b>Sensor Technology</b>	Capacitive Pressure Imaging
<b>Pressure Range</b>	1-80psi
	0.7-55N/cm <sup>2</sup>
<b>Spatial Resolution</b>	0.25"   6.35mm
<b>Accuracy</b>	± 10% full scale*
<b>Sampling Frame Rate</b>	24.6 frames/s**

PHYSICAL CHARACTERISTICS		
<b>Total Area</b>	23" x 23"	58.4cm x 58.4cm
<b>Sensing Area</b>	16" x 16"	40.6cm x 40.6cm
<b>Thickness</b> (Sensing Area, uncompressed)	0.02"	0.06cm
<b>Thickness</b> (Border – cabling side)	0.02"	0.06cm
<b>Border Width</b> (cabling side)	4"	10.16cm
<b>Border Width</b> (non-cabling side)	3"	7.62cm
<b>Cable</b>	24"	60.96cm
<b>Connector</b>	4.76" x 2.76" x 0.9"	12.1cm x 7cm x 2.3cm

SENSING	
<b>Ambient Temperature</b>	10°C-40°C
<b>Ambient Humidity</b>	5% to 90% RH

## IX500:64.64.04



## KEY FEATURES

- High-resolution sensors with a 6.35mm pitch (resolution) and 4.096 sensing points
- Designed for high-quality pressure images with exceptional detail
- Excellent for both clinical and dynamic testing
- Durable sensor that is portable with plug and play functionality

## REQUIREMENTS FOR OPERATION

- Each IX500:64.64.04 sensor must be connected to one X3 PRO SENSOR PACK
- The X3 PRO SENSOR PACK must be connected to an X3 PRO
- The X3 PRO needs to be connected to a power supply and a computer running XSENSOR software to function

\* When verified using the standard XSENSOR verification process.

\*\*Sampling rate based on using X3 PRO Electronics. Frame rate may vary based on computer configuration.