

SENSORS IX500:64.64.04

PRODUCT DESCRIPTION

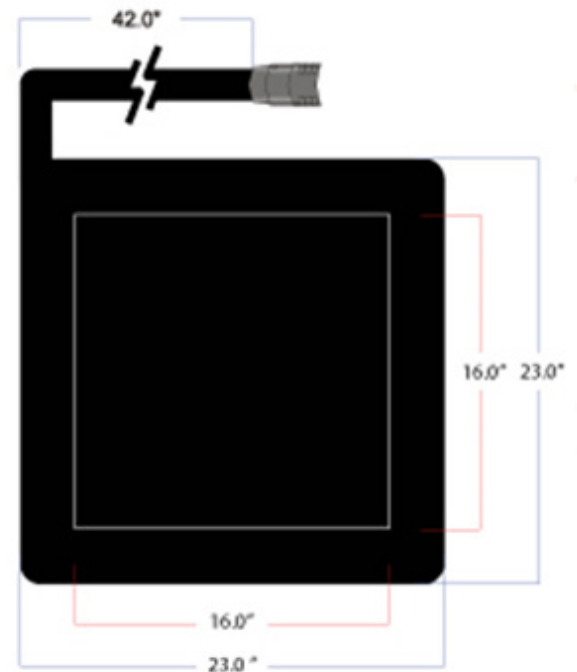
The X3 IX500:64.64.04 is a stance pad sensor. The sensor has been designed to measure standing and striding foot pressures. A durable urethane cover provides extra protection and durability for heel strike and running movements. The sensor provides a high frame rate for recording foot movements. The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

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

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

SENSING	
Ambient Temperature	10°C–40°C
Ambient Humidity	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.