

**X3** PX100:48.144.02

**PRODUCT DESCRIPTION**

The **X3** PX100:48.144.02 is a bed sensor with 6912 sensing points and unsurpassed flexibility and durability.

**SENSING**

Sensor Technology	Capacitive Pressure Imaging	
Pressure Range	5-50mmHg, 5-100mmHg, 10-200mmHg	
Spatial Resolution	0.5"	1.27cm
Accuracy	± 10% full scale*	

**PHYSICAL CHARACTERISTICS**

Total Area	32" x 80"	81.28cm x 203.2cm
Sensing Area	24" x 72"	60.96cm x 182.88cm
Thickness (Sensing Area, uncompressed)	0.04"	0.1cm
Thickness (Sensing Area, compressed)	0.03"	0.081cm
Thickness (Border – cabling side)	0.12"	0.3cm
Border Width (cabling side)	4.5"	11.43cm
Border Width (non-cabling side)	3.5"	8.89cm
Cable	42" x 2" x 0.18"	106.68cm x 5.08cm x 0.45cm
Connector	4.76" x 2.76" x 0.09"	12.1cm x 7.0cm x 2.3cm

**ENVIRONMENT**

Ambient Temperature	10°C - 40°C
Ambient Humidity	5% to 90% RH

**REQUIREMENTS FOR OPERATION**

- Each sensor must be connected to an **X3** SENSOR PACK or **X3** SENSOR PACK PRO.
- The **X3** SENSOR PACK or **X3** SENSOR PACK PRO should be connected to an **X3**, an **X3** PRO or an **X3** DISPLAY unit either directly or via an **X3** NODE.
- The **X3** and **X3** PRO configurations need to be subsequently connected to a power supply and a computer running XSENSOR software to function.

\*As tested by XSENSOR's production calibration process.

