

SXIR Infrared Pyrometer is a precision non-contact IR surface temperature sensor. Featuring the same quality sensors as the PLIR™ sensor that is integrated into SXC climate sensors.

Rugged design and low cost allow the sensors to be permanently mounted in the growing environment. Locate the sensor above canopy, in tiered racks, or even aimed at equipment that you want to monitor for temperature.

Housed in a weather resistant enclosure for indoor mounting. Includes a stainless steel bracket for mounting on a standard 1/2" EMT/PVC conduit pole or standard tripod mount.

Connects to GrowControl™ GCX Cultivation Control Systems or use with MODBUS RTU on PLC's and industrial controls with an LX2 ModLINK interface.



Sensors



PLIR™ Plant Leaf IR Temperature
-40 - 85°C / -40 - 185°F

Features



GrowNET™ Digital Communication Port



MODBUS RTU

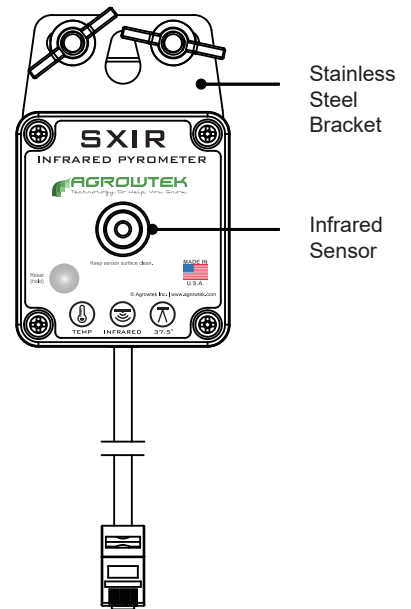
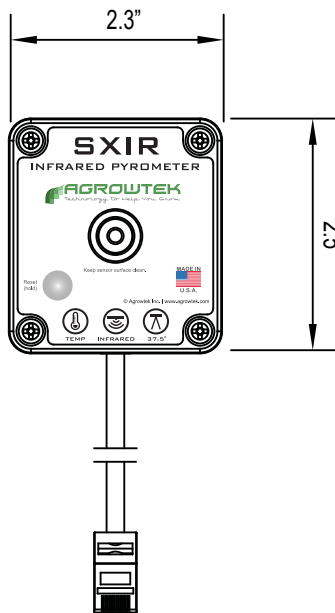
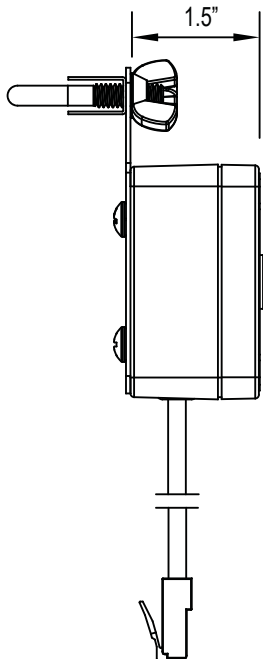


1-Year Warranty



Made in USA

Dimensions



SXIR

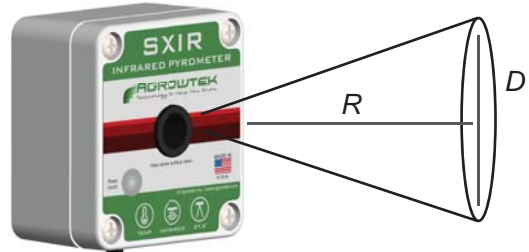
Infrared Pyrometer Sensor

PLIR™ Plant Leaf IR Temperature Sensor

PLIR™ plant leaf IR sensor option measures the surface temperature of the plant canopy below the SXC environment sensor. Precision temperature values are used to accurately calculate the VPD (vapor pressure deficit) in real-time.



-  Leaf Surface Temperature
-  Vapor Pressure Deficit (VPD)
Calculated at GCX controller



Range (R)	Spot Diameter (D)
12"	8"
24"	16"
36"	24"
48"	32"

∠ 37.5° Sensor Angle

GrowControl™ GCX Controller



MODBUS



Connect to GrowControl™ Cultivation Controllers for advanced functions as part of a complete facility control solution including alarming and exhaust control. GrowControl™ GCX systems feature intelligent control functions optimized for today's complex growing environments.

GrowNET™ devices are easy to implement on custom PLC systems with MODBUS RTU using a LX2 ModLINK interface and HX8 hubs.

Ordering Options

SXIR - 10

- Cable Length (10 ft Standard)
- GrowNET™ Infrared Surface Pyrometer