Application Note // Monitoring Production with EpiSensor

IoT Solutions Partner

EPISENSOR

IP67 Enclosure

Water and dust-proof polycarbonate enclosure

Pulse Counter

ZPC-2X

Data Logging

Store up to 70,000 data points (2 years @ 15 min intervals) at the edge

Sensor Analytics

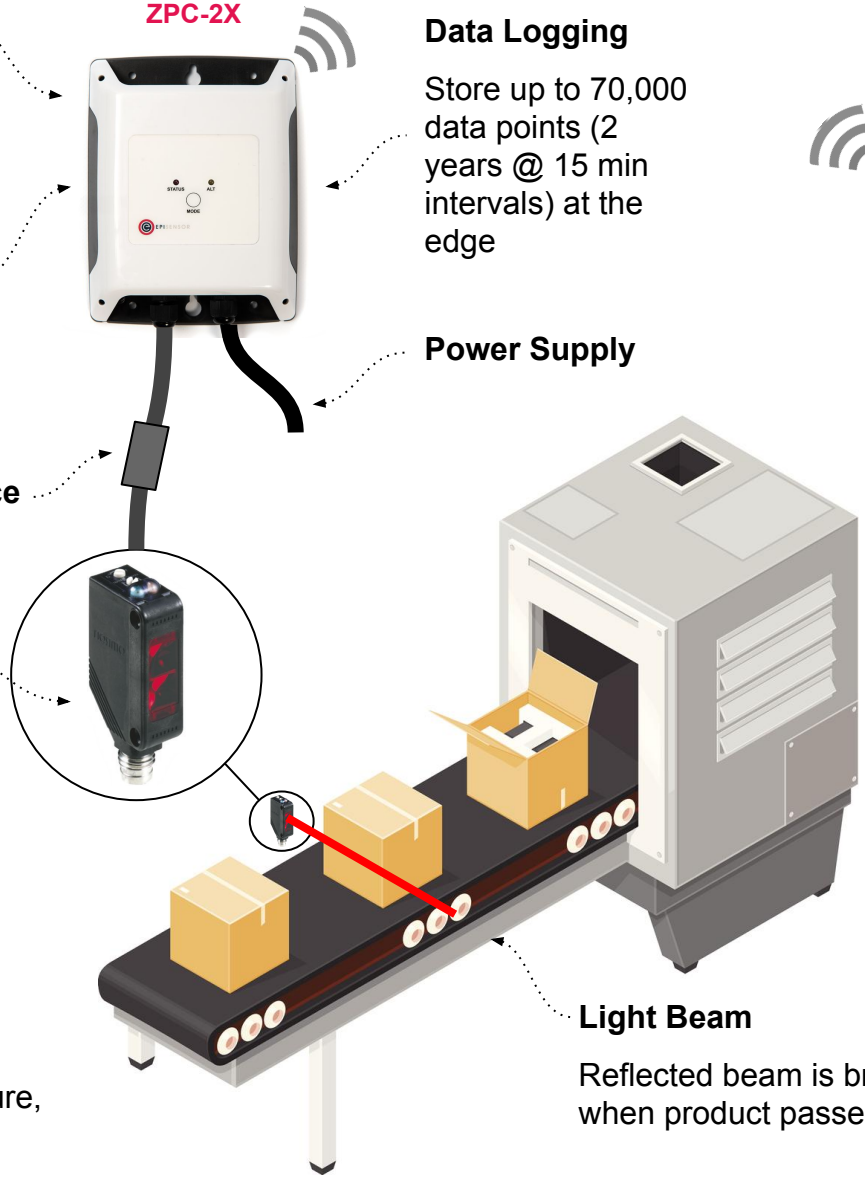
Calculates products per hour, total number of products produced

Power Supply

Sensor Interface

Optical Sensor

Produces a pulse signal every time the light beam is broken



Expand Easily

Add more EpiSensor nodes for monitoring Electricity, Temperature, 4-20mA, etc.

Light Beam

Reflected beam is broken when product passes

EpiSensor Gateway

ZGW-10

Ubuntu app store

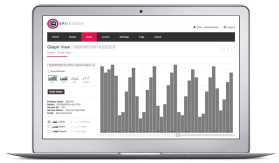
Install apps for device management, additional communications protocols, edge analytics, etc.

ubuntu core

to Public / Private Cloud

Wireless Mesh

Connect up to 100 wireless 'nodes' to each Gateway

EPISENSOR

Remotely manage large networks of nodes from the operations centre