# PPF Tech
# CONTROLS

# CO2S-1
## *Carbon Dioxide Sensor for CDX-1 Controller*

## Features & Benefits

- Real-time carbon dioxide measurement for CDX-1 control
- Infrared verification for high accuracy
- Long (9') lead wire
- Additional lead extension via 3-pin 3.5mm male to female media cord

## Specifications

| | |
|---|---|
| Signal Voltage: | 5V |
| Signal Type: | RS485 |
| Range: | 0 – 5,000 ppm |
| Precision: | ±40ppm |
| Power consumption: | 1W |
| Response time: | <300 s |
| Warranty | 3 Years |

## Contents

(A)  $CO_2$ Sensor (1)
(B) Hanging screw (1)
(C) Screw anchor (2)

## Mechanical & Safety

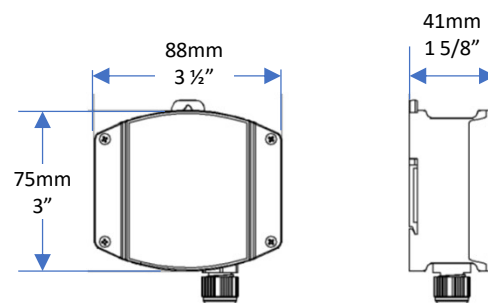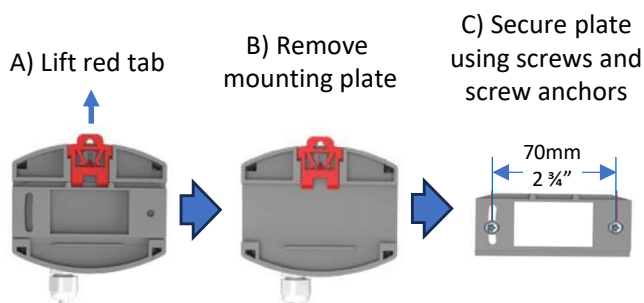| | |
|---|---|
| Weight: | 0.3 lbs (134g) |
| Dimensions (LxWxH): | 3.5 x 1 5/8 x 3" (88 x 41 x 75mm) |
| Cable length: | 9' (2.74m) |
| Operating temp: | -10℃ to 50℃ |
| Warranty | 3 years (void if sensor is opened) |

## Setup

Disconnect CDX-1 power
Position sensor in dry, secure area
Secure CO2S-1 sensor using two screws and screw anchors
Connect $CO_2$ sensor to CO2 port on underside of CDX-1 control
Add cover to assure sensor is remains dry during watering/fogging

A) Lift red tab

B) Remove mounting plate

C) Secure plate using screws and screw anchors

70mm
2 ¾"

D) Slide sensor onto mounting plate and shut red tab

88mm
3 ½"

41mm
1 5/8"

75mm
3"