



XPL DL5P - FEATURES

- ✓ **Optical Particle Counter– PM1.0, PM2.5, PM4.25, PM10 & TSP**
- ✓ **TWA [8hr] Display**
- ✓ **5 aerodynamic size simultaneous measurement**
- ✓ **Particle count bin display**
 - **>0.3 um pcs/L**
 - **>0.5 um pcs/L**
 - **>1.0 um pcs/L**
 - **>2.5 um pcs/L**
 - **>5.0 um pcs/L**
- ✓ **2 years of local datalogging**
- ✓ **Cloud ready**
- ✓ **On-Board beacon alarm**
- ✓ **On-Board webserver for local data download**



DASHBOARD

Connectivity – WiFi or Hotspots

Data Transfer Protocol – MQTT

Upload interval – 1 minute to Dustech.Live or Customer Server

Hierarchical User Management, e-mails alerts, data download.

*** Dustech Dashboard – Access via subscriptions.

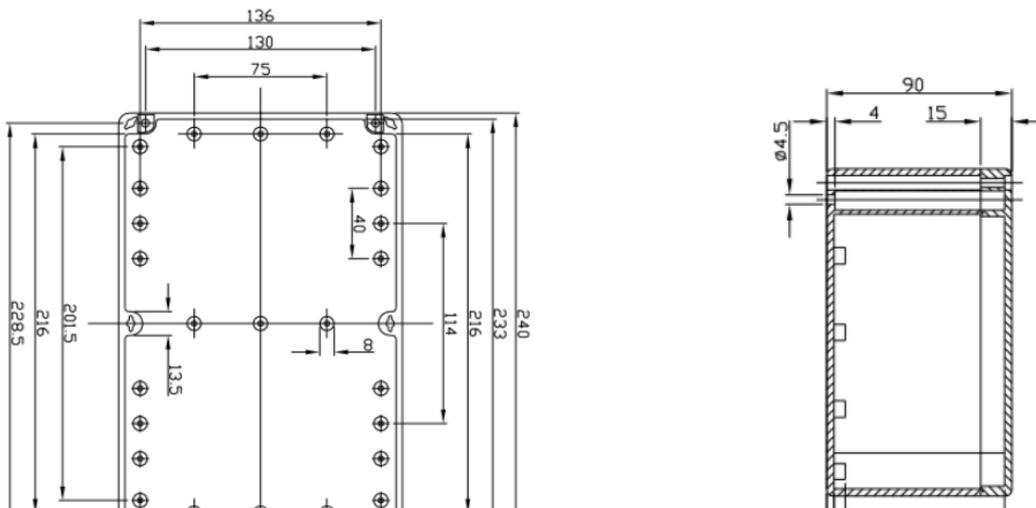
TECHNICAL SPECIFICATIONS

Power Supply	12 VDC
Rated Power	8 Watts
Operating Temperature	0°C to 50°C
Operating Humidity	0-95% non-condensing
Enclosure size	240 x 160 x 100 mm

Particle Size Range	PM1.0, PM2.5, PM4.25, PM10 & TSP
Size categorisation (Standard)	0.35 to 40 um (RI of 1.5 +io) at 6 software bins
Sample flow rate	1.0 L/min nominal
Max particle count rate	10,000 count/sec
Detection Limit	1 ug/m3
Detection range	0 - 30000 ug/m3
Sampling frequency	1 seconds
Particle Count Bin	>0.3 um, >0.5 um, >1.0 um, >2.5 um, >5.0 um
TWA measurement respirable	TWA[8rh]
Datalog	400 million+ datalog capacity
On-Board Alarm	Coloured Beacon

CONNECTIVITY

Upload	WiFi and Hotspot
Upload Protocol	MQTT
Local connection	WiFi - Webserver



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