

QUICK START GUIDE



DusTech Pty. Ltd. V3.1
24/01/25

External Power and Charging – Connect USB C wall charger, instrument will go to charging mode. Battery Icon will be displayed.

Caution – For best charging result only use the supplied USB charger.

CONNECTION TO SMART DEVICE – XP Personal Dust Monitor comes with an embedded application that enables it to connect to smart device using **Wi Fi**.

Network Name is **XP** - *serial number*.

Wi Fi password is the *serial number*.

Application (Server) ip address is 10.10.10.10

Supported browser – Safari, Chrome, and Edge.

Wi Fi will turn off after 8 minutes.

Pressing the Power Button Momentarily will turn ON the Wi Fi

Note: Application is customized for smart mobile devices.



ON/OFF button – Press button to switch the device. Long press button while on operation mode to shut-down the device. ***If device failed to turn ON press the LEFT Hidden Button momentarily (watchdog reset) and then Press the ON/OFF button

Alarm Indication – **Screen Will Turn RED** will blink when the unit reading reaches the set Threshold Limit Value (TLV). For setting the TLV values please refer to section **ALARM SETUP**.

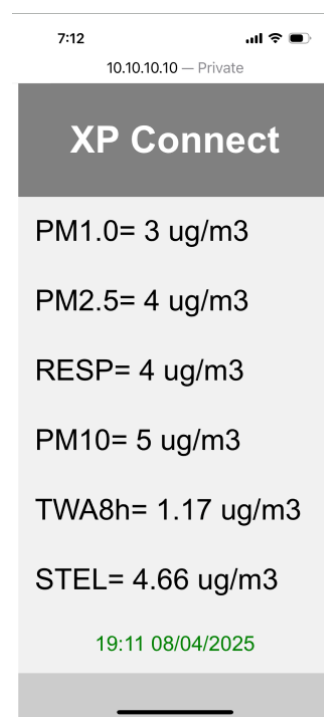
Battery Power - **GREEN Battery Icon** full green up to 11 hours run time, ½ bar 6 hours runtime, 1/3 bar up to 2 hours runs time.

Empty Battery Icon will illuminate, with approximately 30 minutes of runtime.

REAL TIME READING

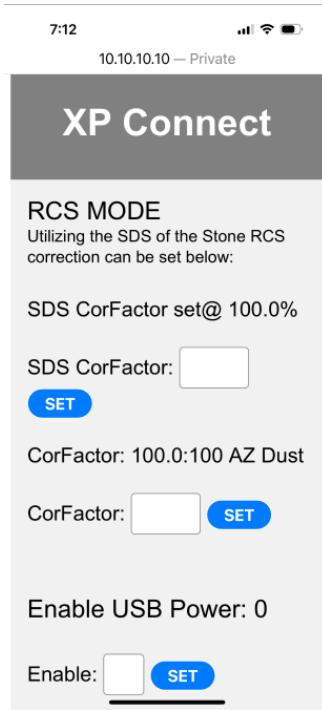
Connect a Smart Phone or PC via the Wi Fi with credential on the previous section.

Open a browser and enter 10.10.10.10 on the browser URL area. **XP Connect** will now be displayed on your browser.

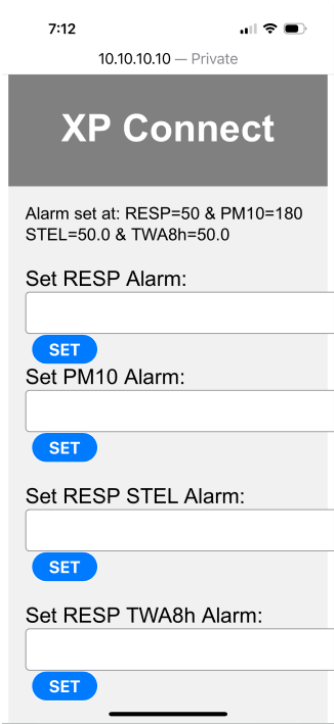


MODE MENU – specific for silica exposure measurement, the function uses the SDS of the material (e.g., engineered stone) to realistically estimate silica dust exposure.

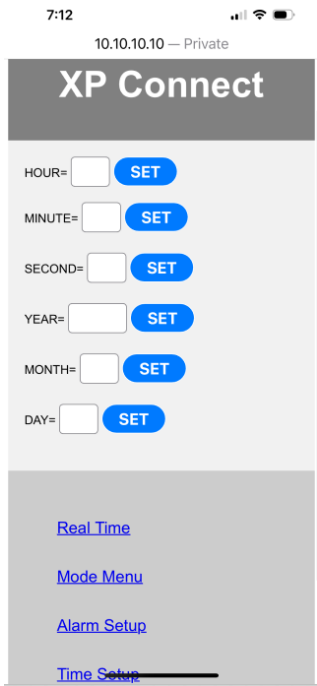
External Power Supply – ON/OFF
Screen – ON/OFF



ALARM SETUP – DusTech XP Personal Monitor have the capability of setting TLVs. Instantaneous alarms for Respirable and PM10 and STEL and TWA alarms.



TIME SETUP – as default unit will be shipped Australian Eastern Standard Time (AEST). Make sure to setup time properly prior initial use.



DOWNLOADING DATALOG – Immediate download of the datalog using smart device or PC. They can then immediately be e-mailed or shared. Logs are in CSV format and can be easily graphed using excel

