Outdoor Rack

# Datalogger Wiring

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| **Device** | **Channel** | **Color** | **CR3000** |
| Thermocouple (Type T) | Temperature signal (+) |  | DF 7 H |
| Temperature signal (-) |  | DF 7 L |
| Area aerosol monitor  (DustTrak II; TSI) | PM signal | orange | DF 8 H |
| PM reference | brown | DF 8 L |
| shield | black | *earth* |
| Air quality monitor | BT dongle Tx |  | C8 = Com4 Rx |
| BT dongle Vcc |  | 5V |
| BT dongle G |  | G |
| CO2/H2O analyzer  (LI-840A; LI-COR) | data receive | white | C3 = Com2 Tx |
| data transmit | brown | C4 = Com2 Rx |
| data ground | yellow | G |
| shield | bare | G |
| CO analyzer  (T300U; Teledyne API) | CO signal |  | DF 5 H |
| CO reference |  | DF 5 L |
| shield |  | *earth* |
| NOx analyzer  (T400; Teledyne API) | NOx signal |  | DF 12 H |
| NOx reference |  | DF 12 L |
| NO signal |  | DF 13 H |
| NO reference |  | DF 13 L |
| NO2 signal |  | DF 14 H |
| NO2 reference |  | DF 14 L |
| shield |  | *earth* |
| O3 analyzer  (T200; Teledyne | O3 signal |  | DF 6 H |
| O3 reference |  | DF 6 L |
| shield |  | *earth* |