|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Tracer Release (Stationary) | | | | Plume Monitoring (Mobile) | | | |
| Device | Channel | Color | CR1000 | Device | Channel | Color | CR1000 |
| *DustTrak* #1 aerosol monitor | signal | orange | DF 1 H | *DustTrak* #2 aerosol monitor | signal | orange | DF 1 H |
| reference | brown | DF 1 L | reference | brown | DF 1 L |
| shield | bare | ⏚ | shield | bare | ⏚ |
| *LI-840A* #1 CO2 analyzer | RS232 receive | white | C3 (Com2 Tx) | *LI-840A* #2 CO2 analyzer | RS232 receive | white | C1 (Com1 Tx) |
| RS232 transmit | brown | C4 (Com2 Rx) | RS232 transmit | brown | C2 (Com1 Rx) |
| RS232 ground | yellow | G | RS232 ground | yellow | G |
| shield | bare | G | shield | bare | G |
| analog signal | white | DF 3 H | analog signal | white | DF 3 H |
| analog reference | green | DF 3 L | analog reference | green | DF 3 L |
| *CSAT3B* 3D sonic anemometer | SDM C1 | white | SDM-C1 | RS422/RS232 converter | RS232 receive | white | C3 (Com2 Tx) |
| SDM C2 | yellow | SDM-C2 | RS232 transmit | brown | C4 (Com12 Rx) |
| SDM C3 | blue | SDM-C3 | RS232 ground | yellow | G |
| SDM ground | brown | G | shield | clear | G |
| power input | red | 12V |  |  | RS422/RS232 converter | |
| power ground | black | G | *150WX*  weather station & GPS | shield | bare | GND |
| power shield | clear | G | RS422 B/- OUT | blue | RD B(+) |
| *GPS16X-HVS* GPS receiver | data receive | blue | G | RS422 A/+ OUT | white | RD A(-) |
| data transmit | white | C2 (Com1 Rx) | RS422 B/- IN | orange | TD B(+) |
| data shield | clear | G | RS422 A/+ IN | yellow | TD A(-) |
| PPS clock signal | gray | C1 (Com1 Tx) |  |  |  |
| power input | red | 12V |  |  | CR1000 |
| power ground | black | G | power input |  | 12V |
| power enable | yellow | G | power ground |  | G |