



IR DAM MILITARY NEWS

Weather stations solutions for UAV systems

IR DAM weather stations, without any moving parts and rugged construction are well known for Military Ballistics (MBT) and NBC vehicles, mobile applications (Fire brigades) and for security in Construction Field and Rope Way applications.

IR DAM has developed a complete range of weather stations solutions for UAV users

Our meteorological weather stations family **WST 7000**, **WST 7000C** and **WST 7000C GPS** are used for advising the operator about weather data for the take off and landing conditions. We provide you with accurate data such as:

- * Wind Direction
 - * Wind Speed
 - * Air Temperature
 - * Relative Humidity
 - * Barometric pressure
 - * Dew Point Temperature
- + external inputs, such as second temperature, visibility meter etc..



WST 7000 C

Possible example of integration:

UAV

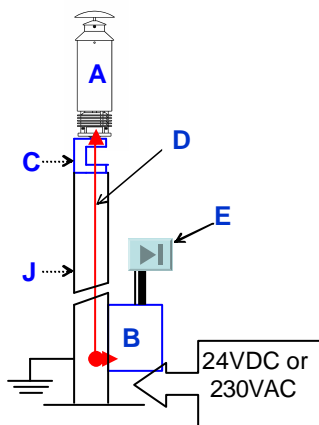
- Radio Transmission
- Optical Fibre
- RS-485
- Etc..

Delivered by customer:

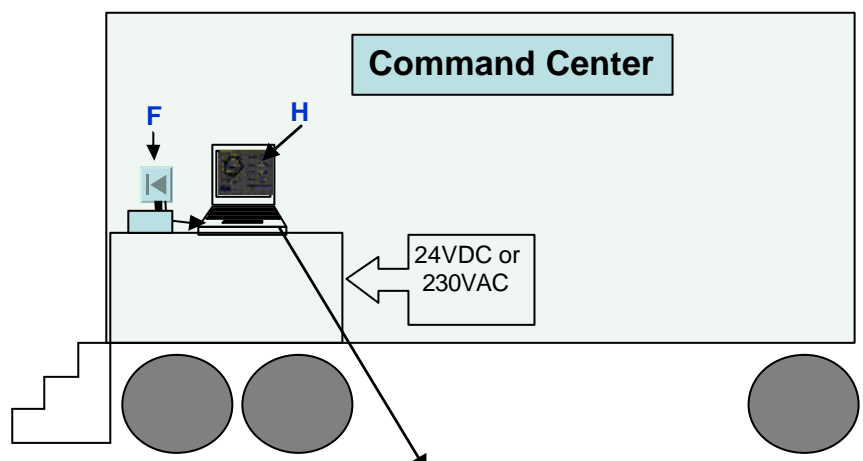
- Grounding and fixation
- Power supply 230VAC in container
- Power supply 24 VDC or 230VAC by weather station
- PC
- Radio-fiber optic cable - RS 485 etc.

Delivered by IR DAM:

- A: Weather Station WST 7000
- B: Power supply box 2400 E
- C: Adapter on mast - Sensor
- D: Power and transmission cable
- E: Radio (optional)
- F: Receiver (optional)
- H: Software Graphics AC-
- J: Mast and adapter for the power supply box (optional)



WST 7000 or 7000C



- PC
- Wind Direction and Speed
- Average Wind Direction on last 10 Min.
- Average Wind Speed on last 10 Min.
- Temperature, Pressure, Humidity, Dew Point, Statistics on Access

IR DAM meteorology for winners



IR DAM MILITARY NEWS

Weather stations solutions for UAV systems

With a weather station from IR DAM you get also:

- * Precision and knowledge "made in Switzerland"
- * Weather sensors adapted to your specific needs
- * Reliability even in the extreme situations
- * Our technical office is at your disposal for a turn-key solution

This is why we have UAV applications customers such as:



SAGEM Sperver B



Armasuisse Ranger



SAGEM SDTI

All IR DAM products are also well known for their:

- * Accuracy
- * Reliability
- * Manufacturing quality
- * No maintenance
- * Compact building
- * No moving parts
- * Automatic freezing protection
- * Integrated Compass



WST 7000



WST 7000C
NATO colour



WST 7000 CGPS

IR DAM WST 7000 weather stations family:

For more information please contact:

IR DAM SA
Rue des Uttins 38
1400 Yverdon-les-Bains
SWITZERLAND

www.irdam.ch
info@irdam.ch
tel +41 24 447 21 31
fax +41 24 447 21 30

Discover our meteorological sensors (ballistic and NBC) on www.irdam.ch

IR DAM meteorology for winners