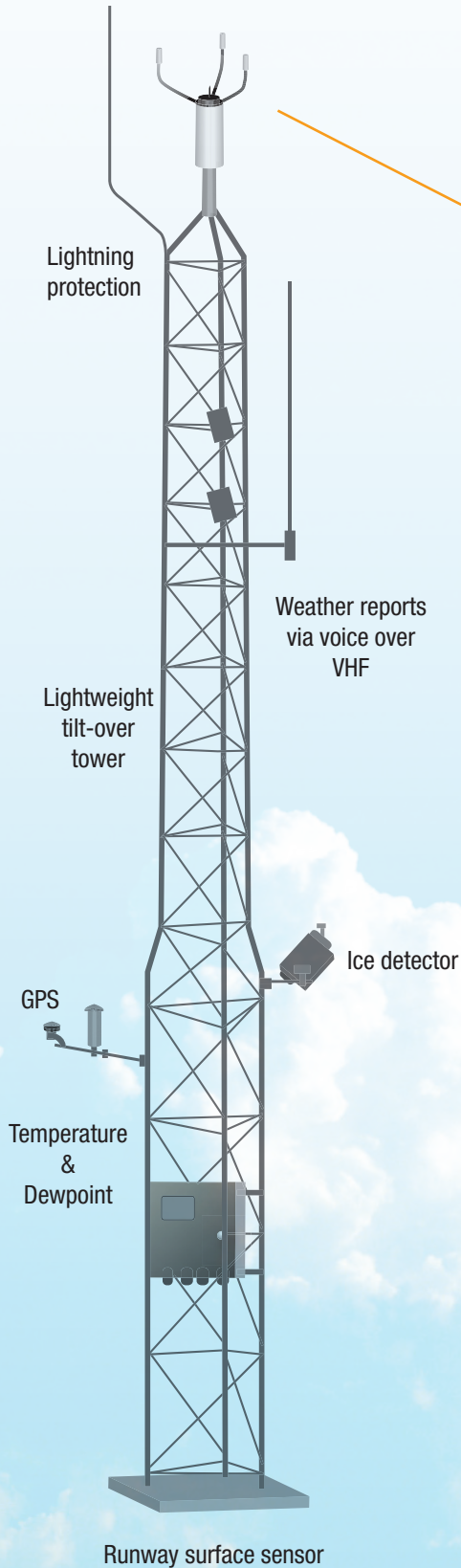


WxSentinel AWOS



Solid state wind sensor for all-weather capability and long life



Using only robust, FAA approved, low maintenance sensor technology, the WxSentinel™ is available in various configurations to match your requirements and your budget, providing years of reliable service under all conditions.

AXYS WxSentinel™ Standard Product Matrix

| TYPE | Temp Dew Point Rel. Humid | Ultra-Sonic Wind Velocity | Triple Sensor Barometer | VHF Radio Broadcast | Prevailing Visibility | Cloud Height | Present Weather |
|-----------|---------------------------------|---------------------------------|-------------------------------|---------------------------|--------------------------|-----------------|--------------------|
| AWOS I | ● | ● | ● | ● | | | |
| AWOS II | ● | ● | ● | ● | ● | | |
| AWOS III | ● | ● | ● | ● | ● | ● | |
| AWOS IIIP | ● | ● | ● | ● | ● | ● | ● |

In addition to the above configurations, all systems include a 10-meter foldable tower, NEMA 4 enclosure, serial communications interface, installation and a one-year parts and shop-labor warranty. Available options include precipitation, thunder, pavement, camera, RVR, computer and flat-screen displays. Just add your airport and mix. Other configurations and customization options are available.

AXYS WxSentinel™ Standard System Specifications

| | |
|-----------------------------|---|
| WM500 Controller* | ARM7TDMI 32 Bit, 16/32 Mhz CPU,. 16 analog + 5 full-duplex serial ports, 9 – 29 Volt DC, <70 mA, -40°C to 85°C operating range, remote monitoring, diagnostic, menu-driven configuration software with full datalogging capability. |
| PTB330 Barometer | Triple Sensor, 50 – 1100 hPa, QNH, QFE, -40°C to 60°C, ± .15 hPa/yr |
| WS425 Anemometer* ** | Ultrasonic, 0...125 knots, ± .1 knots & ± 2°, -40°C to 55°C, .35 sec response |
| MP101 Temp/RH* | -40°C to 60°C, 0- to 100% humidity, ±.2°C, ± 1.0% R.H., 10 sec response |
| IC110 VHF Radio | MIL-STD810, 25kHz spacing, -30°C to 70°C, 36 Watt useful output |
| OWI430 Visibility* | .001 to 10+km, ± 10%, metric & ANSI reported values, 3 min response |
| CBME80 Ceilometer | 0 to 25,000 ft, ± 30 ft or 2%, -50°C to 50°C, c/w blower for all wx. operation |
| OWI430 Weather | Rain, snow, drizzle, mixed, hail, ice pellets, .001 to 999. mm, .01 – 300 mm/hr |
| AXYS WxVIEW™ | PC Based software, web display, radio, internet and telephone accessible. |

Full specs AOR *Extreme low temp versions available **Heated & ice-free versions are available

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