

BendixKing



xVue Touch™

Your Solution for Experimental Aircraft

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The xVue Touch™ offers a fast, simple and powerful integrated flight deck with superior craftsmanship for your homebuilt aircraft. The xVue Touch is a primary flight display for a new homebuilt aircraft or a replacement for outdated 6-pack flight displays. The system provides a 10.1" WUXGA 1900 X1200 touch screen smart display, high performance air data, attitude and heading reference system, magnetometer and outside air temperature probe. The display can be used as a full screen Primary Flight Display or split screen Primary Flight Display/Multifunction Display. The system comes standard with our industry-leading SmartView™ synthetic vision system, and ADS-B in traffic and weather display.



Primary Flight Display

Characteristics	Specification
Dimensions	6.897 x 10.45 x 4.08 in. (175.18 x 265.43 x 103.63 mm)
Mounting Information	Front mount
Weight	7.59 lbs. (3.44 kg)
Current Draw	Typical: 1.33 AMP for 28 VDC 2.66 AMP for 14 VDC
Operating Voltage	9.0 to 30.3 VDC
Circuit Breaker	2 AMP for 28 VDC, 3 AMP for 14 VDC
Cooling	Convection cooled (no fan)
Connectors	1 female 78-pin and 1 male 78-pin
Viewing Angle Envelope	80° from all directions

Control Panel

Characteristics	Specification
Dimensions	1.48 x 6.25 x 3.67 in. (37.6 x 158.8 x 93.2 mm)
Mounting Information	Front mount
Weight	1.05 lbs. (0.47 kg)
Current Draw	Powered from flight display. Current draw included with flight display
Operating Voltage	Provided by flight display
Circuit Breaker	None, uses circuit breaker for flight display
Cooling	Convection cooled (no fan)
Connectors	Male 9-pin D-Sub

Find Out More

To learn more, call 1.855.250.7027, contact your local BendixKing dealer or visit bendixking.com

BendixKing

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Magnetometer

Characteristics	Specification
Dimensions	3.70 x 5.83 x 1.33 in. (93.98 x 148.08 x 37.78 mm)
Weight	0.90 lbs. (0.41 kg)
Temperature	-55 °C to +70 °C
Altitude	55,000 ft.
Operating Voltage	9.0 to 30.3 VDC
Current Draw (at 27.5 VDC)	80 mA Nominal, 25°C, after 2 minute warmup 200 mA Nominal, -55°C, after 2 minute warmup 700 mA Maximum, -55°C
Circuit Breaker	1 AMP for 28 VDC, 2 AMP for 14 VDC
Signal Inputs/Outputs	Serial CAN bus
Cooling	Convection cooled (no fan)
Connector	Female 9-pin

Air Data Attitude Heading Reference System (ADAHRS)

Characteristics	Specification
Dimensions	8.65 x 5.1 x 1.4 in. (219.72 x 129.43 x 35.56 mm)
Weight	2.17 lbs. (0.98 kg)
Current Draw	Typical: 0.2 AMP for 28 VDC 0.4 AMP for 14 VDC
Operating Voltage	9.0 to 30.3 VDC
Circuit Breaker	2 AMP for 28 VDC, 3 AMP for 14 VDC
Cooling	Convection cooled (no fan)
Connectors	Male 50-pin and Female 9-pin (maintenance port)

Outside Air Temperature Probe (OAT)

Characteristics	Specification
Dimensions	1.65 x 1.75 x 1.00 in. (41.91 x 44.45 x 25.4 mm)
Weight	0.15 lbs. (0.07 kg)
Current Draw	None, no interface to aircraft power
Operating Voltage	None, connected to ADAHRS, no interface to aircraft power
Circuit Breaker	None
Cooling	No cooling required
Connectors	5 ft. 3-conductor shielded wire lead, spliced into wiring harness

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