

SN3500 Electronic HSI



The Sandel SN3500 Electronic HSI offers advanced navigation capabilities with an ultra-wide-angle display. Incorporating the equivalent of a four-inch screen in a three-inch instrument, the SN3500 improves situational awareness by presenting Compass, Map, Flight Plan and RMI data in a bright, easy-to-read format.

FAA-certified as a primary flight display, the SN3500 can show overlaid Stormscope® weather and traffic information from TCAS, TCAD and TAS receivers.

See what's next

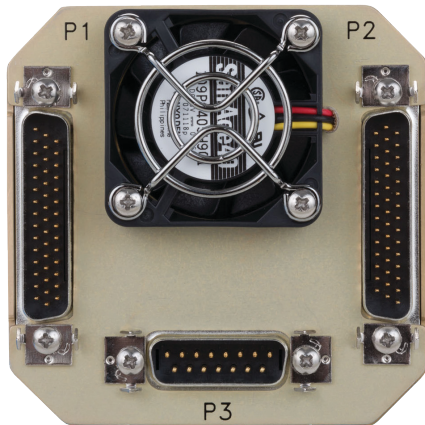
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The SN3500 system offers even greater capability, through its expandable Input/Output. Enabling the system to work with almost every aircraft type and configuration, this built-in module supports both analog and digital avionics systems, saving on installation time and cost, and ensuring that all your navigation sensors are properly utilized.

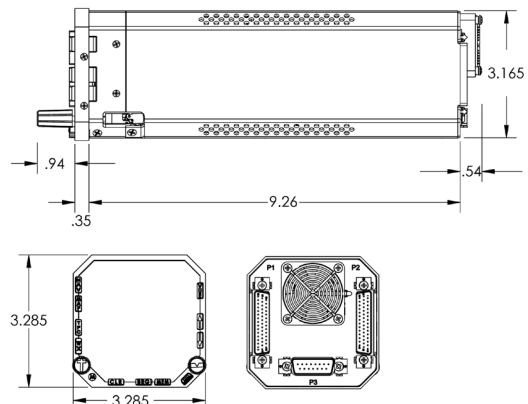


Reversionary 'Standby' Attitude Mode



Dimensions and specifications subject to change without notice.

Weight	SN3500	2.9 lb (1.3 kg)
Bracket & Connectors		0.5 lb (0.23 kg)
Dimensions		
Length		(with bezel): 10.15 in (25.78 cm) 9.80 in (24.89 cm) from panel to back of unit
Body		3.165 in x 3.165 in (8.04 cm x 8.04 cm)
Bezel		3.285 in x 3.285 in (8.344 cm x 8.344 cm)
Display		LED Backlit
NVIS Mode		Option Class B compatible per MIL-STD-3009
Power Requirements		11-33 VDC 27.5 VDC @ 1.2A (33W) nominal
Cooling Requirements		Internal fan requiring ambient air at fan input
Mounting		Standard 3-ATI panel cutout with clamp and Positronic® connectors.
Operating Environment		-20° C. to +70° C. +55,000 ft. altitude (max.)
Certification Basis		TSO-C113, Airborne Multipurpose Electronic Displays C3d, C4c, C6d, C34e, C35d, C36e, C40d, C41d, C118, C119b EASA ESTO, C113 DO-160D, Env. Cat – [A2F1Z]BBB[H(R)R(BB1G)]XXXXXXZBABB[C][WW] M[XXE2F2X]XXAX DO-178B, Software Level C
Interfaces		
Heading		Bi-phase stepper (Mid-Continent 4305 & KG102) XYZ synchro (ARINC 407) ARINC 429
Flux Gate		Standard 400-Hz XYZ 3-wire interface with external excitation
NAV		Analog and ARINC 429
DME		2 King serial or ARINC 568 digital (e.g. KN62/64, KN63) 1 Analog DME input (40 mV/nm)
ADF		SIN/COS, Synchro and ARINC 429
GPS		ARINC 429, RS-232 and RS-422
Composite NAV		2 ARINC 0.5V inputs, Internal NAV Converter
Marker Beacons		3 discrete inputs
Switch/Annunciators		Discrete and ARINC 429
Lightning Detection		WX-500 Stormscope®
Options		Traffic, ARINC 429 Datalink Weather, RS-232 TACAN



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