

OEM Non-Invasive
Blood Pressure Technologies


SunTech® *Advantage*™ HT
HOME TELEHEALTH OEM BP MODULE



BP trusted in hospitals at an unparalleled value



+ The Trusted, Clinical-Grade OEM
Non-Invasive Blood Pressure Solution

+ The Ideal OEM Solution for
Home Telehealth Applications

The practice of medicine is extending beyond the hospital and other acute care settings to the home where preventive care is practiced in tandem by clinicians and patients. Blood pressure monitoring in home telehealth applications needs to be as safe, reliable, accurate, and trusted as hospital patient monitors. SunTech® Advantage™ HT offers proven performance trusted in hospitals at an exceptional value appropriate for the home healthcare setting.

+ Features & Benefits

Clinical-grade Performance:

Unparalleled Value:

Simple Integration:

Up-to-date Compliance:

+ Description

The same measurement technology selected by the leading medical device manufacturers and trusted in hospitals worldwide.

Proven clinical-grade performance at a price appropriate for home telehealth.

Step-by-step guidance and support to safely design clinical-grade blood pressure measurement into your device.

3rd edition and RoHS Compliant



+ Technical Specifications

Physical Dimensions	
Width	2.73 in [69.3 mm]
Length	4.15 in [105.4 mm]
Height	1.49 in [37.8 mm]
Weight	0.3 lbs [133 g]
Measurement	
Technique	Oscillometric
NIBP Accuracy	Meets ANSI/AAMI SPO, EN 1060-4, ISO 81060-2
Patient Applications	Adult, Pediatric, Neonatal
Systolic Range	
Adult	40 – 260 mmHg
Pediatric	40 – 230 mmHg
Neonatal	40 – 130 mmHg
Diastolic Range	
Adult	20 – 200 mmHg
Pediatric	20 – 160 mmHg
Neonatal	20 – 100 mmHg
Pulse Rate Range	40 – 220 BPM (Beats per min)
Pulse Rate Accuracy	± 2% or ± 3 BPM, whichever is greater
Transducer Accuracy	± 3 mmHg over full range in operating conditions
Operating Modes	Manual
Operating Conditions	0°C to 50 °C, 15% to 95%, non-condensing humidity
Storage Conditions	-20°C to 65 °C, 15% to 95%, non-condensing humidity

Electrical	
Operating Voltage	5.3 – 14.5 VDC
Power Consumption	Using 6 VDC Nominal
Sleep	1.4 mW
Idle	204 mW
Measurement	1.1 W
Inflation	3.8 W
Communication Protocols	Serial RS232 or TTL (5V)
Safety & Regulatory Standards	
	IEC60601-1, AAMI SPO, EN1060-1, EN1060-3, EN1060-4, IEC 80601-2-30, ISO 81060-2
Warranty	
Warranty	1 Year



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