

SUNBRIGHT GROUP

SUNBRIGHT GROUP (HONG KONG) CO., LIMITED
SHANGHAI SUNBRIGHT INDUSTRIAL CO., LTD

Add: Sunbright building, No.588 Mingcheng Road, Fengxian

District, Shanghai

TEL: 86-21-51880686

FAX: 86-21-37567558

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COLOR DOPPLER USB PROBE SUN-D2



<http://shsunbright.en.alibaba.com>
<http://www.cnsunbright.com>

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Application

Abdomen / Obstetrics / Gynecology / Urology / Small Parts / Vascular / Pediatrics / Musculoskeletal

Electrical Power

Voltage	5 V
Max Power	0.25 W

Physical Specifications

Packing size	210mm×130mm×50mm
Packing weight	~400g

Cine/Image Memory

Cine Memory	200 frame
Capture area	Image only / full screen

DICOM Connectivity

DICOM3.0 Storage

Image Storage

Storage Format: JPEG, MP4

Technology

Full field synthetic aperture imaging Tech
Multi-beam formation Tech
Speckle Reduction Tech
Phase-inverse Harmonic Imaging Tech
Duplex Synchronous Display
Directional Power Doppler
Imaging Parameters Preset

General Performance

Digital Beamformer Channels	64 channels
Beam-former Frequency Range	1~18 MHz

Imaging Performance

Startup Time (Max)	Avg. < 10 seconds
Preset Switching Time	Avg. < 1 second

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Storage Time (Image to Disk)	Avg. < 1 second
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Transducers

Probe	Convex Array Probe	Linear Array Probe
Frequency	Central 3.5 MHz (2.0MHZ to 5.0MHZ)	Central 7.5 MHz (5.0MHZ to 10.0MHZ)
Pitch	0.78mm	0. 5mm
Radius	60mm	N/A
Elements	80	80

User Interface

Full touch-screen-based operating principles
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IMAGING MODES

B, M, 2B, B/C, B/D, B/C/D, CF+B, PW

B-Mode

Maps	8
Gain	0~100
TGC	6 Sliders
Dynamic Range	45~80dB
Depth	Max. 24cm
Chroma	0~7
Grayscale Levels	256
Frame Rate	Max.15 Hz
Persistence/ Frame Average	1~4
Top/Bottom/Left/Right Reverse	Yes
Speckle Reduction	Yes
Harmonic imaging	Yes (linear probe)

Color Mode

Gain	0~100
Color Maps	1~12
Doppler Steer Angles	7 Steps
Wall Filter	1~4
Persistence/Frame Average	1~5

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PW Mode

Gain	-20~20
D Linear Velocity	L/M/H
Doppler Steer Angles	5 Steps
Wall Filtering	1~3
Correction Angle	80°/-80°
Max PRF	10kHz
Baseline Adjustment	-3~3

MEASUREMENTS SPECIFICATIONS

Analysis Packages

Basic, Obstetrics, Urology

Basic Measurement

B-mode	Distance, Perimeter and Area (ellipse or track-based method), Volume
M-mode	Heart Rate, Time, Distance, Speed
PW-mode	Heart Rate, Velocity, S/D, PI, RI



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