Specifications

SMART Room System™ for Microsoft® Lync® for large rooms
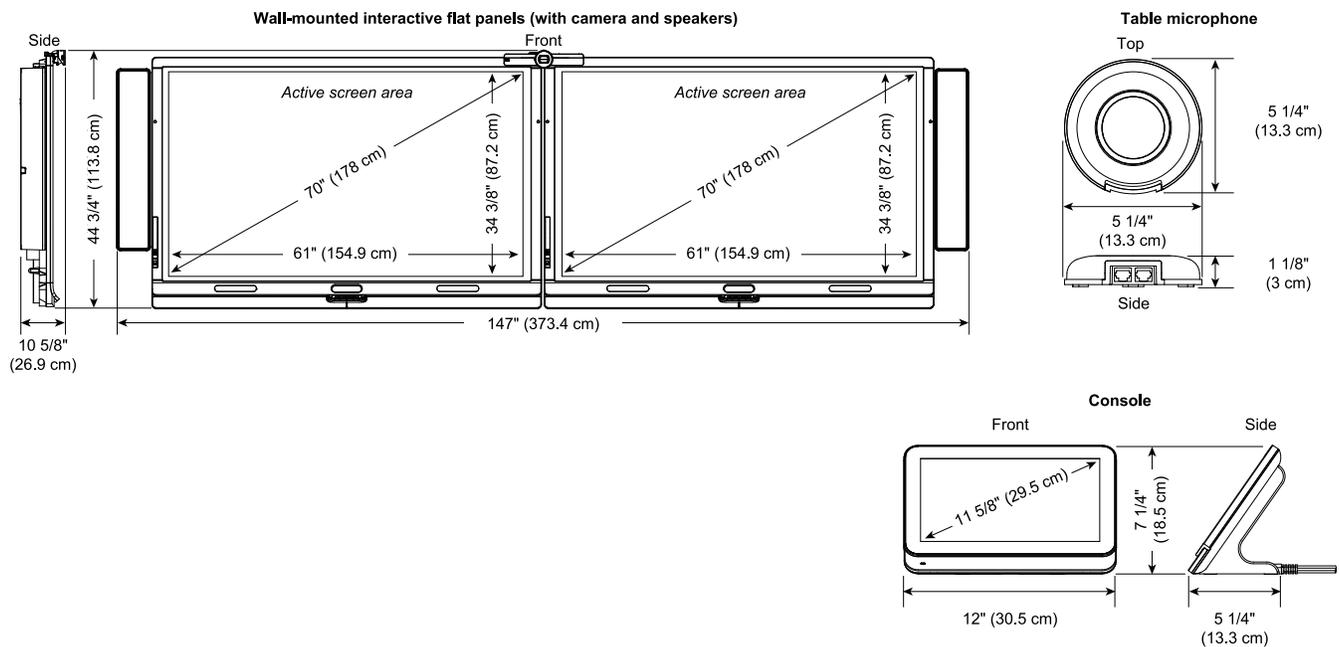
Model SRS-LYNC-L

Overview

The SMART Room System™ for Microsoft® Lync® for large rooms features two SMART Board® 8070i-G4 interactive flat panels, a tabletop console, a high-definition camera, table microphones and speakers.

Using the installed Lync Room System software, you can start a meeting and connect with other individuals or meeting rooms with a single tap on the console or one of the interactive flat panels. You can write or draw on an interactive flat panel using the whiteboard feature, present a PowerPoint® slide show, connect a laptop to share its screen and share your content with connected individuals and meeting rooms in real time.

See smarttech.com/smartroom for more information on this product.

Dimensions and weights[1]

Wall-mounted interactive flat panels (with camera and speakers)

Side   Front

Active screen area

70" (178 cm)

34 3/8" (87.2 cm)

61" (154.9 cm)

44 3/4" (113.8 cm)

147" (373.4 cm)

10 5/8" (26.9 cm)

Table microphone

Top

5 1/4" (13.3 cm)

5 1/4" (13.3 cm)

1 1/8" (3 cm)

Side

Console

Front   Side

11 5/8" (29.5 cm)

7 1/4" (18.5 cm)

12" (30.5 cm)

5 1/4" (13.3 cm)

[1]All dimensions ± 1/8" (0.3 cm). All weights ± 2 lb. (0.9 kg).

	Weight	Shipping weight	Shipping dimensions
Interactive flat panel (×2)	205 lb. (93 kg)	251 lb. (114 kg)	77 1/8" × 56 1/4" × 15 3/8" (196 cm × 143 cm × 39 cm)
WM-SBID-501 wall mount (×2)	24 lb. (10.9 kg)	31 lb. (14 kg)	46" × 12 1/2" × 11" (117 cm × 32 cm × 28.1 cm)
Speakers	15 lb. (7 kg)	20 lb. (9.1 kg)	37 3/4" × 15 1/2" × 7 3/8" (96 cm × 39.5 cm × 18.8 cm)
System components	14 lb. (6.2 kg)	24 lb. (10.8 kg)	19 1/2" × 18" × 22 1/2" (49.5 cm × 45.7 cm × 57.2 cm)
Total	**487 lb. (221 kg)**	**648 lb. (294 kg)**[2]	

Hardware

Included hardware

SBID 8070i-G4	SMART Board 8070i-G4 interactive flat panel (×2)
AM70-L	Lync appliance
CP311	Console
CAM301	Camera
MIC500	Table microphone (×2)
MIX500	Audio processor
CSR500	Speakers
WM-SBID-501	Wall mount for installing an interactive flat panel on a wall (×2)

Included cables

For interactive flat panels	8' (2.4 m) IEC 60320 C13 to country-specific power (×2) 20' 8" (6.3 m) HDMI 16' 5" (5 m) USB
For console	20' 8" (6.3 m) HDMI and USB 8' (2.4 m) IEC 60320 C13 to country-specific power 5' 4" (1.6 m) AC/DC converter
For camera	9' 10" (3 m) USB Power
For table microphones and audio processor	30' (9 m) audio (interactive flat panel to table) 13' (4 m) audio (microphone to microphone) 6' (1.8 m) USB Power

[2]Including the pallet

For speakers	6' (1.8 m) dual RCA
	1' 7" (0.5 m) 3.5 mm Stereo to dual RCA
	16' 5" (5 m) audio (speaker to speaker)
	Power
For laptop[3]	30' 6" (9.3 m) harness (HDMI and VGA)

Recommended diameter for conduit — 1 3/4" (4.5 cm)

Interactive flat panels

Touch technology	DViT® (Digital Vision Touch) technology
Screen size (diagonal)	70" (178 cm)
Aspect ratio	16:9
Optimal resolution	1920 × 1080 at 60 Hz
Horizontal frequency	54–69.75 kHz (analog and digital)
Vertical frequency	48–62 Hz
Contrast ratio (typical)	4000:1
Brightness (typical)	180–250 cd/m^2
Pixel pitch	0.807 mm

Lync appliance

Processor	2.3 GHz Intel® Core™ i7 with HD 4000 graphics chipset
RAM	Dual-channel 8 GB DDR3

Console

Screen size (diagonal)	11 5/8" (29.5 cm)
Aspect ratio	16:9
Resolution	1366 × 768
Brightness	250 cd/m^2

Camera

Features	Digital pan, tilt and zoom (DPTZ)
	Automatic white balance
	Automatic exposure and power line frequency detection
	Manual lens tilt adjustment
	Internal privacy shutter
	Video recording indicator
Aspect ratio	16:9
Resolution (maximum)	1920 × 1080
Frame rate (typical)	30 frames per second (at ≥ 200 lx)

[3] Laptop not included

Field of view	109° (full) 98° (horizontal)
Depth of field	3'–33' (1–10 m)
Signal-to-noise ratio (minimum)	33 dB at ≥ 50 lx 36 dB at ≥ 200 lx
Dynamic range (minimum)	42 dB

Table microphones

Features	Mute button and indicator 13' (4 m) cable between microphones Daisy-chain up to five microphones
Local speaker audio level	60–65 dBA measured at 20" (0.5 m)

Speakers

Total harmonic distortion	< 1% average < 3% maximum 80–10 kHz
Frequency response	± 6 dB, 80–10 kHz
Nominal volume	76 dBSPL

Audio

Echo cancellation	> 45 dB at nominal receive output level

Software

Lync Room System software	See lync.microsoft.com

Storage and operating requirements

Room system power (excluding console)

Power requirements	9.5A at 100V to 4A at 240V AC, 50 Hz to 60 Hz
Power consumption at 77°F (25°C)	950 W

Console power

Normal power consumption	< 12 W (using the supplied 12 V AC/DC converter)
Standby power consumption	< 0.6 W

Storage

Temperature	-4–140℉ (-20–60℃)
Humidity	5–95% relative humidity, non-condensing

Operating

Temperature	41–95℉ (5–35℃)
Humidity	10–80% relative humidity, non-condensing

Certification and compliance

Regulatory certification[4]	UL (U.S. and Canada), FCC, IC, C-Tick, NOM, CU, CB, VCCI, KC, CCC, PSB, BIS, PSE, KCC

Environmental compliance

China	EIP
European Union	REACH, RoHS, WEEE, Battery and Packaging
U.S.	Packaging and Conflict Minerals

Purchasing information

Order number

SRS-LYNC-L	SMART Room System for Lync for large rooms

Optional accessories

MIC500	Additional table microphone
WSK-DUAL	Wall stand kit for rooms with two interactive flat panels, including two wall stands for transferring some of the weight of the interactive flat panels to the floor, and one cable raceway

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[4]As applicable to the components

Warranty

Two-year warranty	Interactive flat panels Camera Lync appliance I/O extension module Console
One-year warranty	Speakers Wall mounts
90-day return	Cables, pens, batteries and other items that can be purchased from the SMART Parts Store (see smarttech.com/Support/PartsStore)

smarttech.com/support
smarttech.com/contactsupport