EASTVO INTELLIGENT AUDIO · GUANGZHOU

PRODUCT BROCHURE / 2026

SIP Broadcast System

Public address, paging and intercom on one PoE network.

18 models — ceiling, wall, horn and column, plus the software that runs them.



ES-30SO



ES-S30SO



ES-Y60SO

PoE one cable

SIP / ONVIF open standard

IP65–66 outdoor ready

Every model takes a single Cat5e/6 cable for power and audio, registers itself to the SIP server, and is addressed like any other extension on the network.

SERIES **OVERVIEW**

One network, every speaker

The SIP series puts the amplifier, the processor and a network port inside the loudspeaker.

Why SIP broadcast

SIP and ONVIF are open standards, so the speakers work with the PBX you already run, the VMS you already watch and the switches you already own. No proprietary controller, no separate audio matrix, no analogue 100V line to fault-find.

01 PoE powered
One cable carries power and audio — 802.3af/at, or DC 24V where PoE is not available.

02 SIP + ONVIF
Three SIP accounts per speaker, ONVIF for VMS, HTTP API for alarm triggers.

03 48K OPUS
Wideband codec at 48 kHz — speech stays intelligible at low volume.

04 Dante variants
-D models carry Dante for AV-over-IP rooms and Dante-equipped racks.

05 Outdoor ready
Horn and column models are IP65/IP66 rated for yards, platforms and car parks.

06 4000 users
One SIP-800 platform manages up to 4000 endpoints from PC or mobile app.

How it connects

SIP Server / PBX
SIP-800 or your own PBX

→

PoE Switch
802.3af/at, one port per speaker

→

Network speaker
amplifier + processor inside

→

Options
VMS via ONVIF · Dante · alarm API

Where it is used



Education
ES-15SO · ES-S15SO

Classroom paging, exam bells and safe-room intercom on the school LAN.



Commercial
ES-S30SO · ES-3001

Reception pages, meeting-room masking and car-park announcements.



Transport & industry
ES-H15SO · ES-30SO

Platform announcements and yard alerts over high ambient noise.

Series index

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SERIES PLATFORM

Platform & control

Software and paging console

The SIP-800 server is the brain: it registers every speaker, routes pages, schedules broadcasts and keeps a log of who called where. On the desk sits ES-3001, a 12-key console for reception, security and loading bays.



SIP-200

SIP Software / SIP-800

DEPLOYMENT	Server or VM	USERS	up to 4000
LICENCES	10 included	CLIENTS	PC + mobile app
OS	Windows / macOS / Linux	SERVICES	broadcast · phone · intercom

- SIP-800 control platform — Windows, macOS, Linux
- Broadcast, telephone and intercom in one console
- Up to 4000 users; 10 licences included



SIP-201

SIP-801

TYPE	licence pack	QUANTITY	10 users
SERVICE	1 year Audio	DELIVERY	activation code
FITS	SIP-800 centre	STACKING	unlimited packs

- Extra 10-licence pack for the SIP-800 centre
- Stackable — add packs as the site grows
- One year of Audio service included



ES-3001

Microphone Console

POWER	3W	POE	af/at
SENSITIVITY	95±3dB	MAX SPL	100dB
IMPEDANCE	8Ω	DIMENSIONS	210*190*46 mm

- 12 physical keys: answer, hang up, mute, volume, reset
- 3.5 mm audio in and out · DC 12V or PoE 802.3af/at
- Gooseneck electret mic, 110dB max SPL

Licensing

Each SIP-800 centre ships with 10 user licences. Add SIP-201 packs of 10 as the site grows — no re-install, no downtime. Both run on the customer's own server or a VM.

Ceiling

Part 1 of 2

In-ceiling · 15W / 30W

Flush-mounted units with wide, even coverage. Where a 100V ceiling speaker needed a local amplifier and a cable back to the rack, these take a network drop and are live.



ES-15SO

15W SIP/ONVIF ceiling speaker

POWER	15W	POE	af/at
SENSITIVITY	92dB	MAX SPL	103dB
FREQUENCY	150Hz–20KHz	IMPEDANCE	8Ω

- Built-in 15W amplifier, 150Hz to 20KHz frequency range and 103dB max sound pressure level
- Standard PoE (IEEE 802.3af/at) support or External
- Power supply(DC 24V 2A)



ES-15D

15W Dante ceiling speaker

POWER	15W	POE	af/at
SENSITIVITY	92dB	MAX SPL	103dB
FREQUENCY	150Hz–20KHz	IMPEDANCE	8Ω

- Built-in 15W amplifier, 150Hz to 20KHz frequency range and 103dB max sound pressure level
- Standard PoE (IEEE 802.3af/at) support or External
- Power supply(DC 24V 2A)



ES-15F

15W Satellite Ceiling speaker

POWER	15W	SENSITIVITY	92dB
MAX SPL	103dB	FREQUENCY	150Hz–20KHz
IMPEDANCE	8Ω	DIMENSIONS	Ø230 x 150 mm

- Passive satellite for the 15W active ceiling model
- 6" woofer plus 1" coaxial driver, 8Ω constant impedance
- Carbon-alloy aluminium grille, RAL white

Choosing active, Dante or satellite

SO models are active: amplifier and network port inside. D models swap SIP for Dante. F models are passive satellites wired to an active unit on the same 8Ω line — use them where one amplifier serves two ceiling positions.

SERIES CEILING

Ceiling

Part 2 of 2

Flush-mounted units with wide, even coverage. Where a 100V ceiling speaker needed a local amplifier and a cable back to the rack, these take a network drop and are live.



ES-30SO

30W SIP/ONVIF ceiling speaker

POWER	30W	POE	af/at
SENSITIVITY	95dB	MAX SPL	109dB
FREQUENCY	100Hz–20KHz	IMPEDANCE	8Ω

- Built-in 30W amplifier, 100Hz to 20KHz frequency range and 109dB max sound pressure level
- Standard PoE (IEEE 802.3af/at) support or External
- Power supply(DC 24V 2A)
- Supports 48K OPUS high-quality audio encoding



ES-30D

30W Dante ceiling speaker

POWER	30W	POE	af/at
SENSITIVITY	95dB	MAX SPL	109dB
FREQUENCY	100Hz–20KHz	IMPEDANCE	8Ω

- Built-in 30W amplifier, 100Hz to 20KHz frequency range
- And 109dB max sound pressure level
- Standard PoE (IEEE 802.3af/at) support or External
- Power supply(DC 24V 2A)

Range at a glance

MODEL	POWER	SENSITIVITY	MAX SPL	FREQUENCY	WEIGHT	IP
ES-15SO	15W	92dB	103dB	150Hz–20KHz	1.9KG	—
ES-15D	15W	92dB	103dB	150Hz–20KHz	1.9KG	—
ES-15F	15W	92dB	103dB	150Hz–20KHz	1.5KG	—
ES-30SO	30W	95dB	109dB	100Hz–20KHz	2.92KG	—
ES-30D	30W	95dB	109dB	100Hz–20KHz	2.92KG	—

Suffix D = Dante · F = passive satellite · SO = SIP / ONVIF

SERIES **WALL**

Wall mount

Part 1 of 2

On-wall · 15W / 30W

Cabinets for classrooms, corridors, meeting rooms and retail floors. Angled baffle, rounded corners, steel grille. -F variants are passive satellites fed from an active unit.



ES-S15SO

15W SIP/ONVIF wall mount speaker

POWER	15W	POE	af/at
SENSITIVITY	93dB	MAX SPL	104dB
FREQUENCY	100Hz–20KHz	DIMENSIONS	242*182*162mm

- Built-in 15W amplifier
- 104dB max sound pressure level
- Standard PoE (IEEE 802.3af/at) support or External



ES-S15D

15W Dante wall mount speaker

POWER	15W	POE	af/at
SENSITIVITY	93dB	MAX SPL	104dB
FREQUENCY	100Hz–20KHz	DIMENSIONS	242*182*162mm

- Built-in 15W amplifier
- 104dB max sound pressure level
- Standard PoE (IEEE 802.3af/at) support or External



ES-S15F

15W Satellite Wall mount speaker

POWER	15W	SENSITIVITY	93dB
MAX SPL	104dB	FREQUENCY	100Hz–20KHz
IMPEDANCE	8Ω	DIMENSIONS	260 x 200 x 100 mm

- Passive satellite for the 15W active wall cabinet
- 5" woofer plus 1" tweeter, 8Ω constant impedance
- Curved, matte-black thickened plastic enclosure

Mounting

All cabinets ship with a steel wall bracket and fixings. ES-S30 models weigh 3.8kg — check the substrate before mounting on plasterboard, and keep 100mm clearance above the cabinet.

SERIES **WALL**

Wall mount

Part 2 of 2

Cabinets for classrooms, corridors, meeting rooms and retail floors. Angled baffle, rounded corners, steel grille. -F variants are passive satellites fed from an active unit.



ES-S30SO

30W SIP/ONVIF wall mount speaker

POWER	30W	POE	af/at
SENSITIVITY	95dB	MAX SPL	109dB
FREQUENCY	70Hz–20KHz	DIMENSIONS	300 x 215 x 195mm

- Built-in 30W amplifier, 70 Hz to 20KHz frequency range and 109dB max sound pressure level
- Standard PoE (IEEE 802.3af/at) support or External
- Power supply(DC 24V 2A)
- Supports 48K OPUS high-quality audio encoding



ES-S30D

30W Dante wall mount speaker

POWER	30W	POE	af/at
SENSITIVITY	95dB	MAX SPL	109dB
FREQUENCY	70Hz–20KHz	DIMENSIONS	300 x 215 x 195mm

- Built-in 30W amplifier, 70 Hz to 20KHz frequency range and 109dB max sound pressure level
- Standard PoE (IEEE 802.3af/at) support or External
- Power supply(DC 24V 2A)
- Features advanced Dante digital audio tech

Range at a glance

MODEL	POWER	SENSITIVITY	MAX SPL	FREQUENCY	WEIGHT	IP
ES-S15SO	15W	93dB	104dB	100Hz–20KHz	2.54KG	—
ES-S15D	15W	93dB	104dB	100Hz–20KHz	2.54KG	—
ES-S15F	15W	93dB	104dB	100Hz–20KHz	2.54KG	—
ES-S30SO	30W	95dB	109dB	70Hz–20KHz	3.8KG	—
ES-S30D	30W	95dB	109dB	70Hz–20KHz	3.8KG	—

Suffix D = Dante · F = passive satellite · SO = SIP / ONVIF

SERIES HORN

Horn

Long throw · IP66

For yards, platforms, car parks and factory floors. High sensitivity and controlled directivity carry the message over distance and over ambient noise.

PRODUCT PHOTO AVAILABLE ON REQUEST

ES-H15SO

15W SIP/ONVIF horn speaker

POWER	15W	IP RATING	IP66
POE	af/at	SENSITIVITY	113±3dB
MAX SPL	124dB	FREQUENCY	300Hz–10KHz

- Built-in 15W amplifier, 300Hz to 10KHz frequency range
- And 124dB max sound pressure level
- With IP66 protection rating and well thermal durability



ES-30SO

30W SIP/ONVIF horn speaker

POWER	30W	IP RATING	IP66
POE	af/at	SENSITIVITY	115±3dB
MAX SPL	129dB	FREQUENCY	380Hz–10KHz

- Built-in 30W amplifier, 380Hz to 10KHz frequency range and 129dB max sound pressure level
- With IP66 protection rating and well thermal durability
- Standard PoE (IEEE 802.3af/at) support or External



ES-60SO

60W SIP/ONVIF horn speaker

POWER	60W	IP RATING	IP66
SENSITIVITY	116±3dB	MAX SPL	133dB
FREQUENCY	380Hz–6.5KHz	IMPEDANCE	4Ω

- Built-in 60W amplifier, 380Hz to 6.5KHz frequency range and 133dB max sound pressure level
- With IP66 protection rating and well thermal durability
- External power supply(DC 24V 3A)

Outdoor installation

IP66 housings, stainless fixings and a rear cable gland. Aim the horn 10–20° below horizontal for even coverage across a yard, and keep the run under 90m from the PoE switch.

SERIES COLUMN

Column

Vertical array · IP65

Tall, narrow arrays that keep sound off the ceiling and the floor — the right choice for stations, corridors and reverberant halls.



ES-Y30SO

30W SIP/ONVIF column speaker

POWER	30W	IP RATING	IP65
POE	af/at	SENSITIVITY	90±3dB
MAX SPL	104dB	FREQUENCY	100Hz–18KHz

- Built-in 30W amplifier, 100Hz to 18KHz frequency range and 104dB max sound pressure level
- With IP65 protection rating and well thermal durability
- Standard PoE (IEEE 802.3af/at) support or External
- Power supply(DC 24V 2A)



ES-Y60SO

60W SIP/ONVIF column speaker

POWER	60W	IP RATING	IP65
SENSITIVITY	90±3dB	MAX SPL	106dB
FREQUENCY	100Hz–18KHz	IMPEDANCE	2Ω

- Built-in 60W amplifier, 100Hz to 18KHz frequency range and 106dB max sound pressure level
- With IP65 protection rating and well thermal durability
- External power supply(DC 24V 3A)
- Supports 48K OPUS high-quality audio encoding

Range at a glance

MODEL	POWER	SENSITIVITY	MAX SPL	FREQUENCY	WEIGHT	IP
ES-Y30SO	30W	90±3dB	104dB	100Hz–18KHz	2.4KG	IP65
ES-Y60SO	60W	90±3dB	106dB	100Hz–18KHz	3.4KG	IP65

Suffix D = Dante · F = passive satellite · SO = SIP / ONVIF

SERIES **DATA**

Specification summary

All 18 models, measured the same way.

Model	Type	Power	PoE	Sens.	Max SPL	Frequency	Imp.	Dimensions	Weight
SIP-200	Software	—	—	—	—	—	—	—	—
SIP-201	Licence	—	—	—	—	—	—	—	—
ES-15SO	Ceiling	15W	af/at	92dB	103dB	150Hz–20KHz	8Ω	230*150mm(Φ*T)	1.9KG
ES-15D	Ceiling	15W	af/at	92dB	103dB	150Hz–20KHz	8Ω	230*150mm(Φ*T)	1.9KG
ES-15F	Ceiling	15W	—	92dB	103dB	150Hz–20KHz	8Ω	Ø230 x 150 mm	1.5KG
ES-30SO	Ceiling	30W	af/at	95dB	109dB	100Hz–20KHz	8Ω	270*185mm(Φ*T)	2.92KG
ES-30D	Ceiling	30W	af/at	95dB	109dB	100Hz–20KHz	8Ω	270*185mm(Φ*T)	2.92KG
ES-S15SO	Wall	15W	af/at	93dB	104dB	100Hz–20KHz	—	242*182*162mm	2.54KG
ES-S15D	Wall	15W	af/at	93dB	104dB	100Hz–20KHz	—	242*182*162mm	2.54KG
ES-S15F	Wall	15W	—	93dB	104dB	100Hz–20KHz	8Ω	260 x 200 x 100 mm	2.54KG
ES-S30SO	Wall	30W	af/at	95dB	109dB	70Hz–20KHz	—	300 x 215 x 195mm	3.8KG
ES-S30D	Wall	30W	af/at	95dB	109dB	70Hz–20KHz	—	300 x 215 x 195mm	3.8KG
ES-H15SO	Horn	15W	af/at	113±3dB	124dB	300Hz–10KHz	8Ω	Ø200 x 235 mm	1.75KG
ES-30SO	Horn	30W	af/at	115±3dB	129dB	380Hz–10KHz	8Ω	Ø246 x 292 mm	2.25KG
ES-60SO	Horn	60W	—	116±3dB	133dB	380Hz–6.5KHz	4Ω	Ø325 x 350 mm	2.65KG
ES-Y30SO	Column	30W	af/at	90±3dB	104dB	100Hz–18KHz	4Ω	390 x 130 x 120 mm	2.4KG
ES-Y60SO	Column	60W	—	90±3dB	106dB	100Hz–18KHz	2Ω	510 x 130 x 120 mm	3.4KG
ES-3001	Console	3W	af/at	95±3dB	100dB	—	8Ω	210*190*46 mm	1.2KG

Shared by every model

- **3 SIP accounts**
  Register to three servers, or fail over between them.
- **48K OPUS codec**
  Wideband audio; 8K G.711 also supported.
- **HTTP API**
  Trigger messages and alarms from a fire panel or BMS.
- **PoE 802.3af/at**
  One cable for power and audio; DC 24V input as backup.
- **ONVIF profile**
  Streams and events visible in a VMS.
- **Steel grille**
  Powder-coated, with a fireproof rear cover on ceiling models.

Suffix D = Dante variant. F = passive satellite driven from the matching active model. SO = SIP / ONVIF.
Dimensions: diameter × depth for ceiling models, L × W × H otherwise. Sensitivity at 1W/1m.

How these figures were taken

Sensitivity measured at 1W/1m on axis; max SPL calculated at rated power. Frequency range at -10dB. Dimensions exclude the mounting bracket and the connector. Weight is net, without packing.

Full data sheets, CAD files and EASE models available on request.

EASTVO

Send a floor plan.
Get a device count.

We return a speaker schedule, a cable plan and a quotation within two working days.

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ES-15SO



ES-S30SO



ES-30SO



ES-Y60SO

SIP-200 · ES series · 18 models

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