

PRODUCT DATASHEET

CY-BS230

IP Network Outdoor Column Speaker

30W | 8Ω | All-Aluminium | IP65 Weatherproof

The CY-BS230 is a 30W IP network column speaker engineered for outdoor and semi-outdoor public address installations. Its all-aluminium alloy housing with IP65 weatherproof rating ensures long-term reliability in demanding environments, while the built-in IP audio decoder connects directly to the network — eliminating the need for a separate amplifier in distributed zone systems.



30W RATED OUTPUT	100V CONSTANT VOLTAGE	IP65 WEATHERPROOF	3 PRIORITY LEVELS	-20°C MIN. TEMP	≥90dB SENSITIVITY	AI ALUMINIUM BODY
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KEY FEATURES

- ✓ **Built-in IP Audio Decoder** — Connects directly to IP audio server over LAN/WAN — no external amplifier needed for individual zones
- ✓ **30W All-Aluminium Enclosure** — Rust-proof aluminium alloy body with UV-resistant paint withstands outdoor exposure year-round
- ✓ **IP65 Weatherproof Rating** — Fully protected against dust ingress and low-pressure water jets — suitable for exposed outdoor installation
- ✓ **8Ω Compatible** — Three selectable impedance modes via built-in transformer for flexible integration into any PA topology
- ✓ **Emergency Broadcast Priority** — Supports 3-level priority override ensuring fire and safety announcements always reach the zone
- ✓ **Wide Operating Temperature** — Rated from -20°C to +60°C for reliable performance in extreme climates

INSTALLATION NOTES

- ▶ Requires AC 220V / 50Hz power supply at each mounting point
- ▶ Connect to network switch via standard Cat5e/Cat6 cable (max 100m)
- ▶ Wall and pole mounting brackets included; tilt bracket optional
- ▶ Weatherproof cable glands recommended for exposed outdoor runs
- ▶ Compatible with standard C-Yark IP audio management software

TECHNICAL SPECIFICATIONS

MODEL	CY-BS230	RATED OUTPUT POWER	30W
OUTPUT MODE	8Ω	FREQUENCY RESPONSE	80Hz – 16KHz
SENSITIVITY	≥90dB (1W/1m)	SNR	>70dB
NETWORK INTERFACE	1× RJ45 10/100M	AUDIO FORMAT SUPPORT	MP3, WMA, OGG
DECODING	Built-in IP audio decoder	PRIORITY LEVELS	3-level (Network / Local / BGM)
WEATHERPROOF RATING	IP65	HOUSING MATERIAL	All-aluminium alloy
SURFACE FINISH	UV-resistant powder coat	MOUNTING	Wall / pole bracket (included)
INPUT POWER	AC 220V / 50Hz	POWER CONSUMPTION	35W
OPERATING TEMPERATURE	-20°C to +60°C	OPERATING HUMIDITY	10% – 90% RH
DIMENSIONS (W×D×H)	450 × 95 × 85 mm	WEIGHT	2.5 kg
CERTIFICATIONS	CE, 3C, ISO 9001	WARRANTY	24 Months

ALL-IN-ONE OUTDOOR UNIT

Built-in IP decoder and Class-D amplifier in a single weatherproof enclosure. No external rack equipment required per zone.

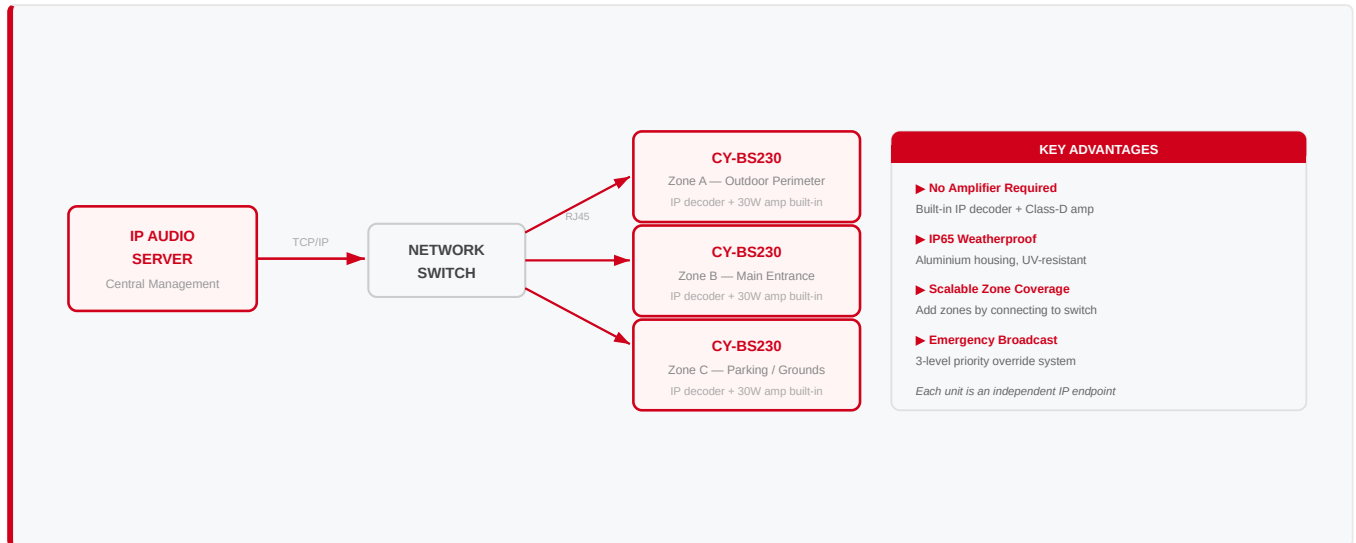
IP65 DURABILITY

Aluminium alloy housing with UV-resistant coating and IP65 rating ensures years of reliable service in harsh outdoor conditions.

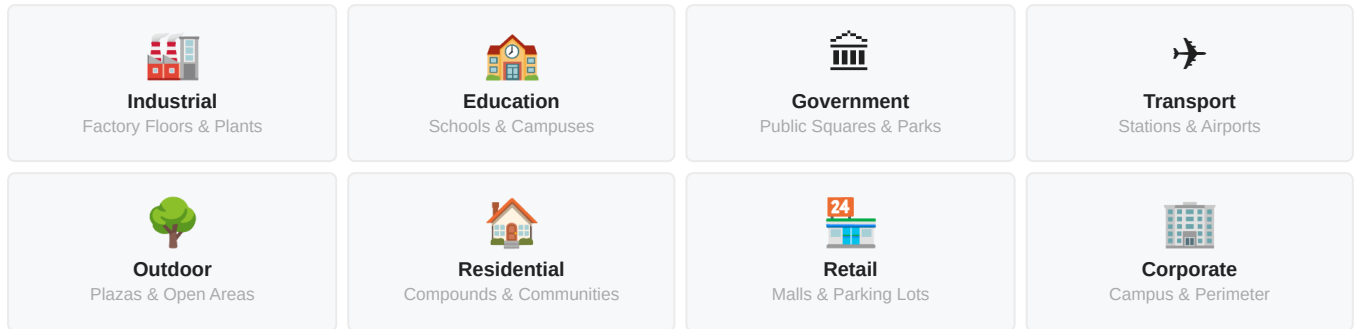
SCALABLE DEPLOYMENT

Each CY-BS230 is an independent IP endpoint. Expand coverage by simply adding units to the network switch — no rewiring.

SYSTEM ARCHITECTURE



TYPICAL APPLICATION SCENARIOS



WHY C-YARK

10+ YEARS IN PA	CE CERTIFIED	ISO 9001 QUALITY	3C COMPLIANT
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ORDERING INFO

CY-BS230 — 30W IP Outdoor Column Speaker
Includes: wall/pole mounting bracket
Housing: All-aluminium alloy
Available: Black / Grey finish

COMPATIBLE WITH

C-Yark IP Audio Server
C-Yark CY-BS130 IP Amplifier
C-Yark IP Zone Controllers
Standard 100V/70V PA systems
Any TCP/IP network switch

NOTES

Specifications subject to change without prior notice.
Product images for reference only.
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MANUFACTURER

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LOCATION

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