

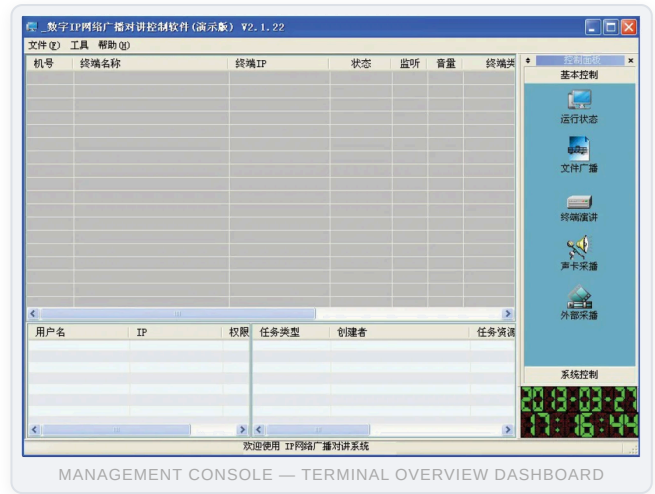
PRODUCT DATASHEET

CY-BS02B

IP Network PA & Intercom Management Software

Browser-Based | Multi-Zone | Scheduled Tasks | Video Linkage
| Real-Time Control

CY-BS02B is a professional IP network public address and intercom management software platform that centralises control of all C-Yark IP audio terminals from a single browser-based interface. It supports real-time live paging, scheduled broadcast tasks, multi-zone management, video camera linkage, and full-duplex intercom — giving system administrators complete visibility and control over distributed PA networks of any scale.



MANAGEMENT CONSOLE — TERMINAL OVERVIEW DASHBOARD

Browser

WEB-BASED UI

Multi

ZONE CONTROL

Live

REAL-TIME PAGING

Auto

SCHEDULED TASKS

Video

CAM LINKAGE

TTS

TEXT-TO-SPEECH

RBAC

ROLE-BASED ACCESS

SOFTWARE MODULES



Live Broadcast

Real-time mic paging to any zone



Video Linkage

Camera-triggered auto broadcast



Scheduled Tasks

Timed weekly broadcast programmes



File Broadcast

Managed audio file library



User Management

Role-based operator access



Intercom

Full-duplex two-way audio



Zone Control

Individual & group zone management



Terminal Monitor

Live status of all IP endpoints

KEY FEATURES

- ✓ **Browser-Based Management** — Full system control from any PC or tablet on the network via web browser — no dedicated client software installation required
- ✓ **Multi-Zone Broadcast Control** — Create, manage, and broadcast to individual zones, zone groups, or all zones simultaneously from a unified dashboard
- ✓ **Scheduled Task Broadcasting** — Programme automatic timed broadcasts — chimes, announcements, and music playlists — with weekly recurring schedules
- ✓ **Real-Time Live Paging** — Instant one-way or two-way live broadcast to any terminal or zone directly from the management console
- ✓ **Video Camera Linkage** — Integrates with IP cameras for audio-visual alarm linkage — triggers broadcast automatically on camera event
- ✓ **Terminal Status Monitoring** — Real-time display of all connected terminals including IP address, status, volume, and connection health
- ✓ **Multi-User Permission Control** — Supports multiple operator accounts with role-based access levels — restrict paging rights by zone or function
- ✓ **File Broadcast Library** — Upload and manage audio files centrally; schedule or manually broadcast pre-recorded messages to any zone

SYSTEM REQUIREMENTS & SPECIFICATIONS

MODEL / VERSION	CY-BS02B / V2.1.22+	INTERFACE	Web browser (LAN/WAN access)
OS — SERVER	Windows 7 / 10 / 11, Windows Server	OS — CLIENT	Any OS with modern browser
NETWORK PROTOCOL	TCP/IP, UDP, IGMP multicast	TERMINAL MANAGEMENT	Unlimited IP endpoints
ZONE MANAGEMENT	Individual zones + group zones	BROADCAST MODES	Live / File / Scheduled / Intercom
SCHEDULING	Daily, weekly recurring tasks	PRIORITY LEVELS	3-level override management
VIDEO LINKAGE	IP camera alarm trigger support	USER ACCOUNTS	Multi-user, role-based access
AUDIO FORMAT SUPPORT	MP3, WMA, WAV	TTS SUPPORT	Text-to-Speech broadcast
COMPATIBLE HARDWARE	All C-Yark IP PA terminals	LICENSE	Included with C-Yark IP PA system

CENTRALISED CONTROL

Manage all IP PA terminals from a single web dashboard. Real-time status, volume control, and broadcast initiation for every endpoint on the network.

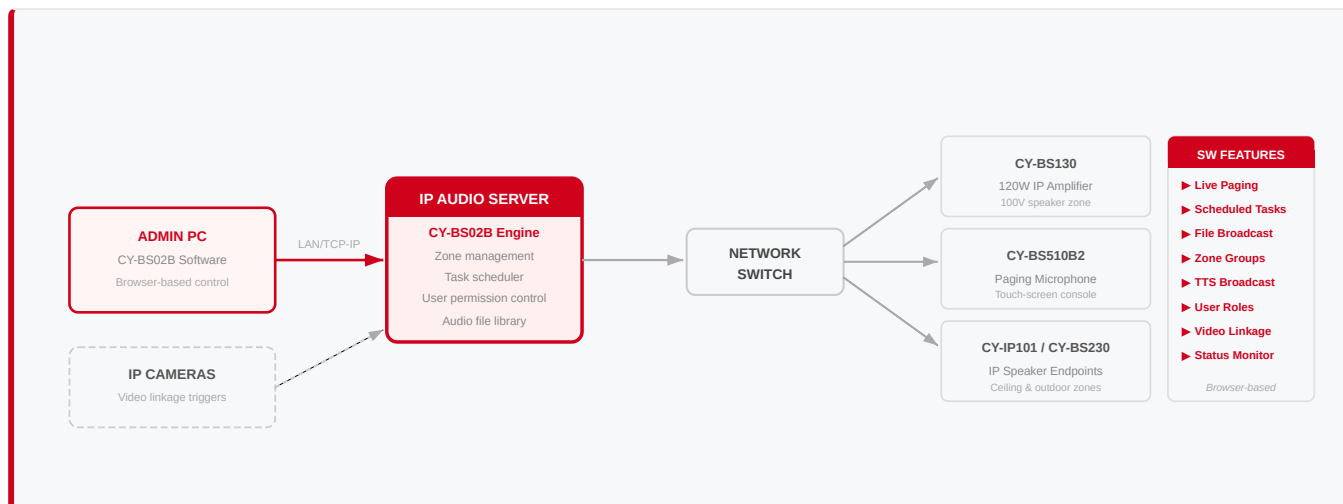
INTELLIGENT SCHEDULING

Set up automatic broadcast timetables for school bells, prayer times, shift changes, or background music — recurring daily or weekly without manual intervention.

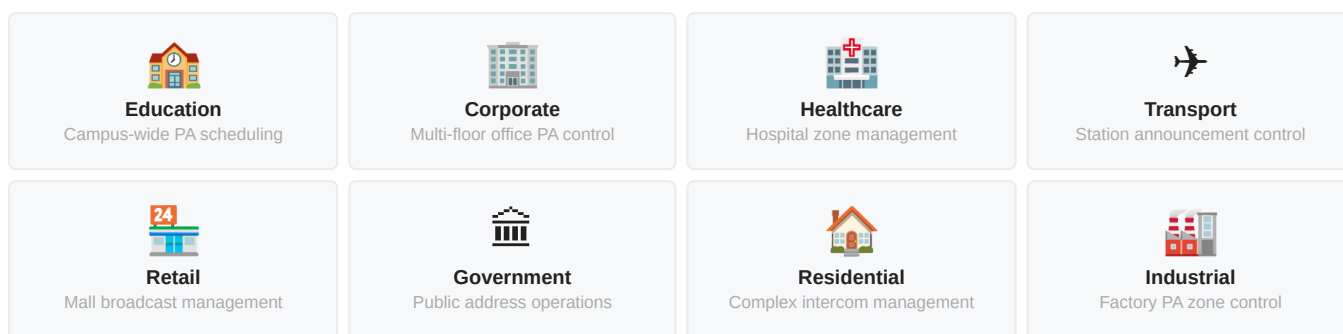
VIDEO-TRIGGERED BROADCAST

Integrate with IP cameras to trigger automatic zone broadcasts on alarm events — linking surveillance and PA into a unified emergency response workflow.

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-BS02B — PA Management Software
License: Included with C-Yark IP PA system
Delivery: Digital download
Version: V2.1.22 and above

COMPATIBLE HARDWARE

CY-BS130 IP Network Amplifier
CY-BS230 IP Outdoor Column Speaker
CY-BS510B2 IP Paging Microphone
CY-IP101 IP Ceiling Speaker
All C-Yark IP PA terminals

NOTES

Specifications subject to change without prior notice.
Software features may vary by version.
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MANUFACTURER

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