

STARBOX SMB

AI SMART MEETING ROOM SOLUTION



Illustrative meeting-room image.

DESCRIPTION

StarBox SMB is Starview Asia's smart meeting room solution, comprising an **AI processor**, a **Full HD PTZ conference camera** and a **multidirectional digital microphone array** – running on the Starview Cloud Meeting platform positioned around “data in Vietnam”. The solution brings the AI intelligence of high-end devices down to an affordable price point, helping every business easily turn an ordinary meeting room into a modern, secure and privacy-by-design collaboration space.

The solution is in final development ahead of launch. Interested organizations can register for early information and request a demo to be among the first to experience it.

STARBOX SMB

A complete solution for business meeting rooms: an AI processor with a 6 TOPS NPU delivering high-end device power, a Full HD PTZ camera that captures the entire room, and an 8-mic digital array with crystal-clear 360° pickup. Everything runs the Vietnamese voice assistant and can join meetings on other platforms.

SYSTEM COMPONENTS



AI Processor

8-core chip · 6 TOPS NPU · on-device Vietnamese voice assistant



Full HD PTZ Camera

1080p60 · 12× optical zoom · 72.5° wide · 255 PTZ presets



Digital Mic Array

8 mics · 360° pickup · up to 8m · AI echo & noise cancellation · PoE daisy-chain

FEATURES

▪ High-end AI power at an affordable price

A 6 TOPS NPU – the same class of AI capability as Starview's high-end devices, bringing AI even to small meeting rooms.

▪ Captures the whole room

Full HD sensor, 12× optical zoom, 72.5° wide angle and PTZ deliver sharp framing at any distance.

▪ Crystal-clear 360° audio

An 8-mic digital array picks up sound up to 8m with AI echo and noise cancellation for smooth two-way conversation.

▪ On-device Vietnamese voice assistant

Control the meeting by voice right on the device, optimized for Vietnamese users.

▪ Privacy by design

Counts only the number of people in the room to optimize the meeting – no facial recognition, no covert recording.

▪ Flexible installation

Desktop, stand, ceiling suspension or recessed ceiling; powered and daisy-chained over a single PoE network cable.

▪ Join any platform

Runs Starview Cloud Meeting and joins Zoom, Google Meet, Teams and Webex meetings (OBTP).

▪ H.323/SIP connectivity

The StarBox SMB endpoint offers two connection modes: via Starview Cloud Meeting, or a Codec H.323/SIP mode to connect with endpoints from vendors such as Polycom, Cisco, Avaya, Aver, Yealink.

Technical specifications

STARBOX SMB

Starview Endpoint software & platform

Platform	Starview Cloud Meeting – data hosted in Vietnam (self-host / private cloud)
Meeting & presentation	HD1080p@30/4K@30 video meetings, screen sharing, secure waiting room & room lock
Voice assistant	“Hey Starview” voice control in Vietnamese (beta)
AI interpretation	Speech interpretation Vietnamese - English/Chinese/Korean (beta)
AI minutes	Bilingual summary + action items after the meeting, stored internally
Join external platforms	One-touch join to Zoom / Google Meet / Teams / Webex (OBTP)
H.323/SIP connectivity	Connects to endpoints/MCUs from vendors (Polycom / Cisco / Pexip / Avaya / Aver / Yealink) via SIP/H.323 (Codec mode, without smart features)
Scheduling & control	Idle screen shows the meeting schedule; room booking; control via QR scan on a phone
Privacy & compliance	People counting in the room (opt-in, no facial recognition); AI-generated content labeled per Vietnam's AI law
Operations	OTA auto-update; secure boot; fast activation at startup

Hardware – Processor & AI

CPU	8 cores (4× high-performance + 4× efficiency cores), plus an always-on auxiliary microcontroller
NPU (AI)	6 TOPS @ INT8; supports INT4/8/16, FP16, BF16, TF32; compatible with TensorFlow, PyTorch, ONNX, TFLite, Android NN
Graphics & memory	Mali-G52 MC3 GPU (OpenGL ES 3.2, Vulkan 1.2); LPDDR4/4x/5; eMMC 5.1 / UFS 2.0 storage; SD slot
Video	Decode H.265/H.264/VP9/AV1 up to 4K@120fps; encode 2 streams at 4K@60fps
Imaging & display	16MP ISP with HDR & 3D noise reduction; multi-display up to 4K@120; HDMI 2.1 / DisplayPort; HDR video output
Connectivity	USB 3.2 Type-C; 2× Gigabit Ethernet; WiFi 6 / Bluetooth (optional); USB, UART, I2C...
Security	ARM TrustZone; secure boot; RSA/AES/SHA encryption; HDCP 2.x
Operating system	Runs the Starview OS (Linux / Android based)

Hardware – Full HD PTZ Conference Camera

Sensor & resolution	1/2.8" CMOS, 2.07 MP; 1080p @ 60/50/30/25 · 720p @ 60/50
Lens & zoom	12× optical zoom (F1.8–2.8) + 16× digital zoom; 72.5° wide (H-FOV 72.5° - 6.9°)
PTZ	Pan ±170°, Tilt ±30°; 255 presets, 0.1° accuracy
Low light	Minimum illumination 0.5 Lux; SNR ≥55dB; 2D & 3D noise reduction
Connectivity & protocols	USB 3.0 (UVC 1.1, UVC PTZ control); HDMI 1.4b; 3.5mm Line-In; RS232; simultaneous dual 1080p output; DC 12V power

For technical or sales support, please visit:
www.starviewint.asia

For assistance with confirming the Jurisdiction & Classification of Starview Asia products, please contact
info@starviewint.asia

Copyright © 2026 STARVIEW ASIA. All rights reserved.
Australia Headquarters: Level 40, 140 William Street, Melbourne VIC 3000, Australia

Technical specifications (Cont.)**STARBOX SMB****Hardware – Multi-directional Digital Mic Array**

Type	Omnidirectional microphone, array of 8 high-SNR digital mics, 360° pickup
Sensitivity	94 dB SPL @ 1kHz, –35 dBFS
SNR	68 dB(A)
Sample rate	16 kHz
Pickup range	Up to 8m (clear 3m, effective 6m per unit)
Audio processing	Echo cancellation (AEC), noise suppression (ANS), automatic gain control (AGC); clock-synchronized deeplearning echo cancellation
Daisy-chain	Daisy-chain over a PoE network cable to extend the pickup range
Ports	RJ45 upstream/downstream; USB Type-C (configuration)
Power	PoE (over network cable)
Installation	Desktop · stand · ceiling suspension · recessed ceiling

For technical or sales support, please visit:

www.starviewint.asia

Performance specifications are typical. Due to constant research, specifications are subject to change without notice. For the most up-to-date specifications, please contact an authorized Starview representative.

For assistance with confirming the Jurisdiction & Classification of Starview Asia products, please contact info@starviewint.asia

Copyright © 2026 STARVIEW ASIA. All rights reserved.
Australia Headquarters: Level 40, 140 William Street, Melbourne VIC 3000, Australia