

Application Scenarios



Hotel

Restaurant

Supermarket

Warehouse

Specifications

General	
Frequency	446.0-446.2 MHz
Channel capacity	16
Channel spacing	12.5 kHz
Operating voltage	3.8 V (rated)
Battery	1,800 mAh Li-ion polymer battery (replaceable)
Speaker	N/A
Battery life	22 h (@5-5-90 with 0.5 W output) 18 h (@5-35-60 with 0.5 W output)
Dimensions (H x W x D) (without belt clip)	94.3 mm x 49.9 mm x 21mm
Weight (with antenna and standard battery)	≤ 85 g
SDC-B	5.4
Recording	Voice memo: up to 200s Call recording: up to 600s
Receiver	
Sensitivity	0.14 μV
Adjacent channel selectivity	ETSI: 60 dB@12.5 kHz
Intermodulation	ETSI: 65 dB@12.5 kHz
Spurious response rejection	ETSI: 70 dB@12.5 kHz
Blocking	ETSI: 88 dB
FM hum and noise	40 dB@12.5 kHz
Transmitter	
Output power	0.5 W
FM modulation	11K0F3E@12.5 kHz
Modulation limit	±2.5 kHz@12.5 kHz
FM hum and noise	40 dB@12.5 kHz
Adjacent channel power	60 dB@12.5 kHz
Environment	
Operating temperature	-20°C to +55°C
Storage temperature	-30°C to 70°C
Electro-static discharge (ESD)	±8 kV (contact); ±15 kV (air)
Water-proof & dust-proof	IP67

Accessories

● Standard ● Optional



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Hytera

S1E

Sleek. Stylish. Superior.

Two-way Radio



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Built for busy teams, ready for every shift.



Hytera S1 E is a palm-sized next-generation radio built for clarity, comfort and efficient communication. Compact yet powerful, it keeps teams connected across every shift — from the supermarket shop floor to the warehouse and beyond.



Lightweight, stylish, and capable.



Work freely.

The earpiece is designed for flexibility, letting you easily change the ear hook. This provides a perfect fit for your work style, without compromising all-day comfort.



Adaptive fit.

The S1 E designed to be balanced comfortable and practical, adds a perfect touch to your uniform.

Reliable, durable, always clear.



Crystal-clear audio

You can experience clear and loud audio in each call — with the S1 E and its all-new earpiece.



Active noise reduction

AI-driven noise cancellation cuts out background sound. From street clutter to in-store chatter, your call stays clear on the S1 E.



Wireless audio connectivity

*Compatible Hytera wireless earpieces will be released later



Audio jack lock

The lock design keeps your earpiece firmly in place, even during constant movement and manual handling.

Durable PTT

The PTT key is rated for 150,000 presses, delivering the same sharp response on day one and every day after.

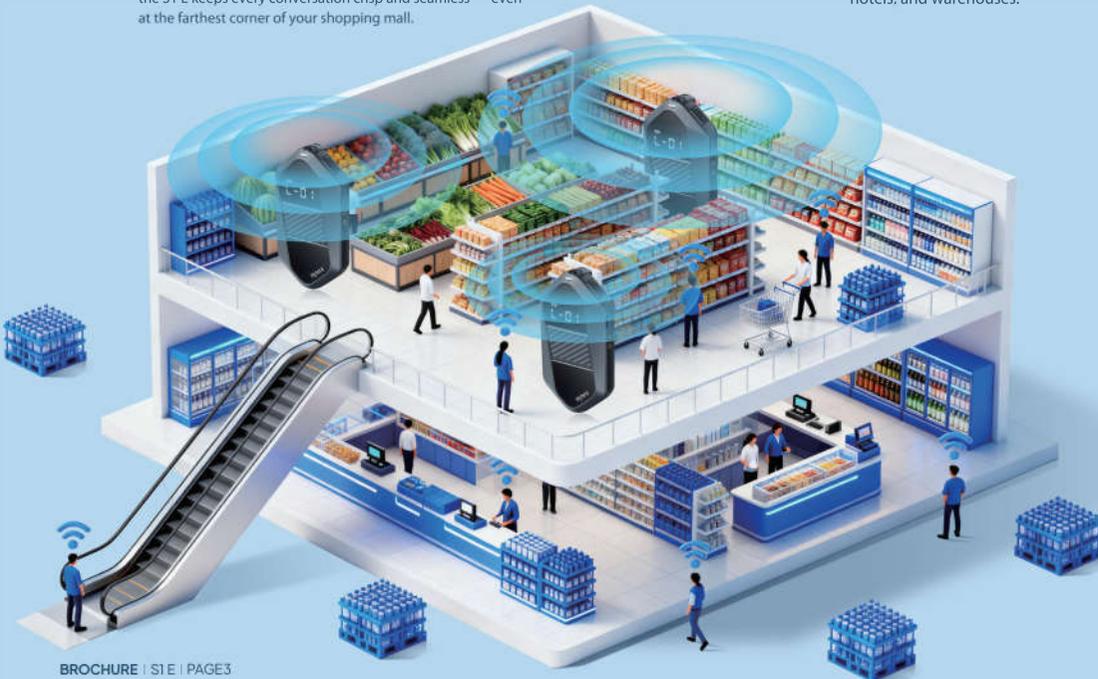
Water resistant

Splashes, sweat, dust or dirt. The IP67-rated S1 E keeps going through all of it, designed for continuous use.

Stay connected

With a high-sensitive receiver and a power-efficient antenna, the S1 E keeps every conversation crisp and seamless — even at the farthest corner of your shopping mall.

Perfect for busy teams in supermarkets, hotels, and warehouses.



Battery power built for full shifts.



Charge your way

Multi-unit Charger or USB-C.

All-day energy

Up to
22 hours

On a 5-5-90 duty cycle

Up to
120 hours

Standby mode

Replaceable battery for longer operating life.

Just swap in a charged spare battery and keep going.



One app, hassle-free.

Manage devices, monitor status.



Label in three distinct colors



Instant visibility.

The clear, bright screen shows device status, battery life, and key info instantly.

Record voice memo.

Keep tracking your new tasks, quick thoughts, important decisions – everything in your work, especially during busy shifts.