

Application Scenarios



Specifications

General	
Frequency	446.0-446.2MHz
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



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S1E

Sleek. Stylish. Superior.

Two-way Radio



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.



- Weighs less than 100g
 - All-day comfort
 - Designed for active environments
- Actual product may vary.

So light, So 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.

With a simple design, the S1 E adds a perfect touch to your uniform — sharp, elegant, and professional.

Reliable, Durable, Always clear.



Crystal-clear audio

Better sound, better 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

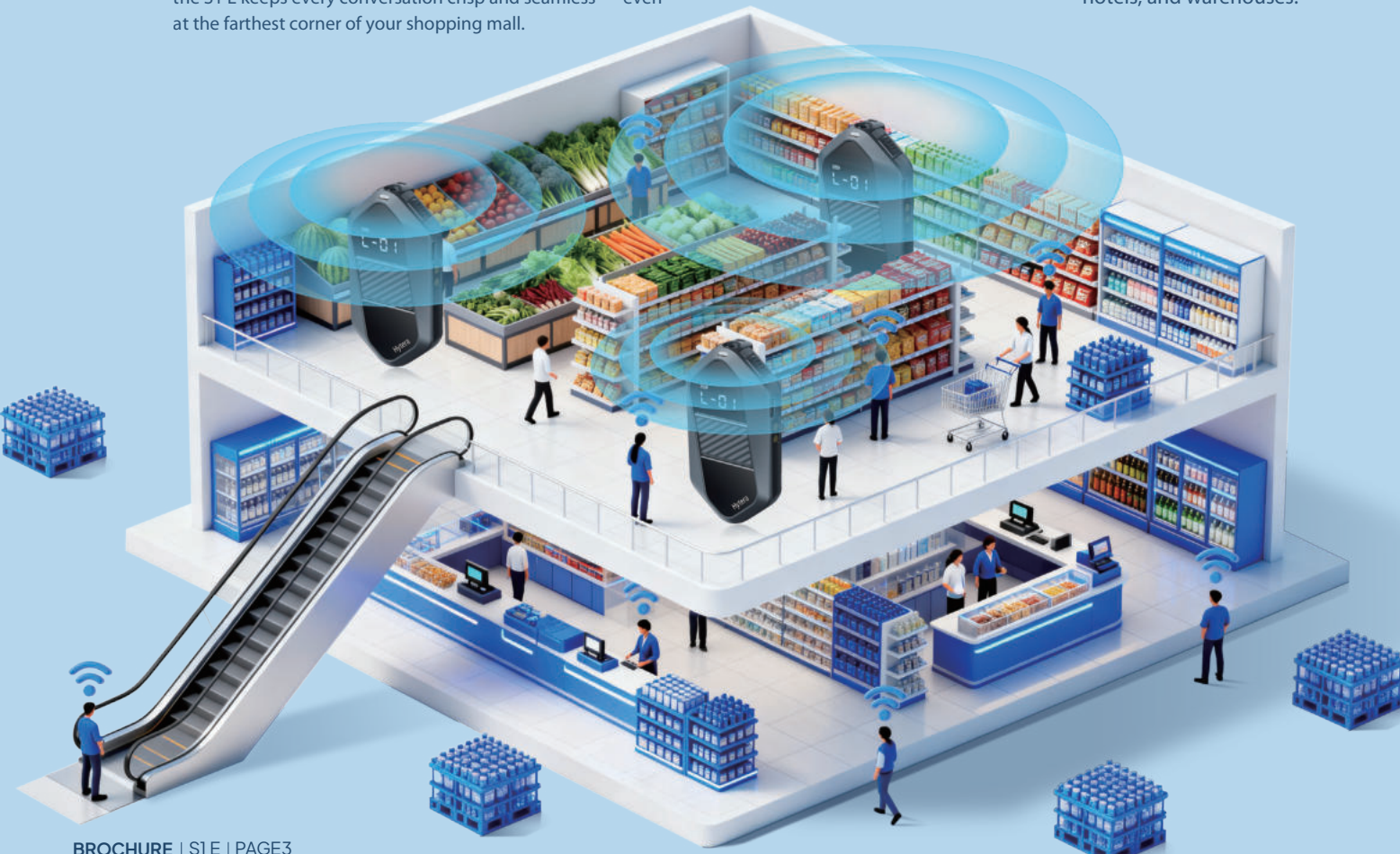
*Compatible Hytera wireless earpieces will be released later



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.



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, built to perform shift after shift.



Battery Power across your shift.



 **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 **18 hours**
On a 5-35-60 duty cycle

 **Interchangeable batteries for non-stop shifts.**
Just swap in a charged spare battery and keep going.



 **One app. Zero hassle.**
Manage devices, monitor status.



 **Glance at it. See everything.**
The clear, bright screen shows device status, battery life, and key info instantly

 **Memorize info with voice memo.**
Record your new tasks, quick thoughts, important decisions — everything in your work, especially when you swamped.

Label in three distinct colors

