At any tough, dangerous, noisy work place,
You can connect with anyone
by ES-Series with better grip feeling, more durable body and clear audio sound.

‘ Solution for your business ’

ES-SERIES

Security / Construction site / Factory / Hotel / Port



- Comply with IP-65 and MIL STD-810F
- Durable body
- Easy operation
- Fast and easy programming
- 32 Channels
- Power save mode
- Auto vox, Auto squelch
- LED indicator
- Emergency
- Lone worker
- Per CH Monitor
- User programmable button

Actual size

E-TECH Co., Ltd.
E-TECH

ES-SERIES VHF AND UHF PORTABLE RADIO
TECHNICAL SPECIFICATION

General

ES100	136-174MHz
ES400	403-470MHz
Channel Band width	12.5kHz / 25kHz Selectable
Usable Channel	32 channels
Battery life (5:5:90)	13hours with 1800mAh Li-Ion battery pack
Power supply	7.4V DC
Frequency stability	±2.5PPM
Dimension (W x H x D)	54 X 114 X 30 mm
Weight with battery pack	285 g

Transmitter

RF Power	1W/5W (VHF) 1W/4W(UHF)
Spurious emissions	<-36dBm
Hum & Noise	<-40dB
Audio distortion	<5% 1kHz 60% deviation

Receiver

Audio distortion	<5% 1kHz 60% deviation
Sensitivity (at 12dB SINAD)	<0.25uV
Squelch Sensitivity (at 6dB SINAD)	<0.2uV
Audio output power	1000mW@20ohm, 10%THD
Speaker size	45pi

Programmable function

- Power save mode
- Individual / Group calling
- Emergency
- Lone worker
- Low battery alarm
- Priority channel scan
- User programmable button
- Group channel setting
- LED indicator
- Per CH monitor
- Talk around
- Stun / Unstun
- BCLO (Busy Channel Lock Out)
- TOT (Time Out Timer)
- VOX
- Selecting power level (L/M/H)
- Mic gain
- DTMF encoder
- CTCSS encoder /decoder
- CDCSS encoder /decoder
- User changeable CTCSS/CDCSS

Optional function

- Voice scrambler

Accessories


External Mic/Speaker (Waterproof)


External Mic /Speaker


Headset


Earpiece with PTT Mic. (For Security Agent)


Earpiece with PTT Mic


USB Programming cable


Leather Carrying Case

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