

System & Frequency Band

Model	A760L Ex(E)	A760L Ex(U)
TDD-LTE:	Band 38/40	
FDD-LTE:	Band 1/2/3/5/7/8/20/28	Band 2/4/5/7/12/13/17/25/26
WCDMA:	Band 1/2/5/8	Band 1/2/4/5/8
GSM:	Band 2/3/5/8	Band 2/5
Wi-Fi	IEEE 802.11 b/g/n 2.4G	IEEE 802.11 b/g/n 2.4G
Positioning System	GPS/Beidou/ Glonass	GPS/Beidou/ Glonass

General

Platform	Qualcomm MSM8909
CPU	Quad-core A7 1.0GHz
System memory	4GB eMMC + 1GB LPDDR3
OS	Android 5.1.1
LCD	2.0" LCD 240*320 TFT 65K True Color
Group capability	200

Data access

TDD-LTE: Cat 4	
FDD-LTE: Cat 4	
WCDMA: WCDMA HSDPA, HSUPA, HSPA+, DC-HSPA+	
DL 42Mbps UL 5.78Mbps	
GSM: GSM900/ DCs/ PCS/ GSM850	
13PIN Accessories interface(USB, Earphone, PTT, accessory (VO*4)	
-30°C~+60°C	
Operating voltage	3.7VDC(rated)
Antenna impedance	50Ω
MIC impedance	2.2KΩ
Battery	DC 3.7V 4800mAh Li-ion
Dimension (H*W*D)	133mm*52mm*30mm(knob and antenna not included)
Weight	231.9g(battery and antenna included)
Audio output power	≥1000 mW

Standard Accessories



Optional Accessories



ABELL INDUSTRIES CO., LTD

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Dealer Area

ABELL®
Voice of Abell, Crisp as an Apple



A760L(Ex)

Intrinsically Safe PoC Two Way Radio

- ◆ Gas,dust,dual explosive-proof
- ◆ IP67 dustproof and waterproof
- ◆ Bluetooth
- ◆ Remote emergency alarm
- ◆ Produced complying to standards ATEX
- ◆ Android 5.1



Application



Oil & Gas



Coal transportation



Steel manufacturing



Fire rescue



Manufacturing



Industrial mining

Intrinsically safe standard:

Comply to the standard Ex ib IIB T4, A760L(Ex) can be used at the sites with inflammable gas, also at the sites with high level dust. A760L(Ex) is the dual explosive proof radio for both gas and dust, which fits for using in various fields, like firefighting, chemical, petroleum, and natural gas etc.

Excellent selection and quality assurance:

The radio housing is made of high-performance engineering plastic, which is sturdy and durable. Use high-quality imported components in internal, combined with exquisite manufacturing technology, strict testing to ensure stable and reliable performance.

High performance explosive safe battery:

4800mAh high performance large capacity explosion-proof Li-ion battery cell originated from Panasonic, with super strict explosive proof circuit, maintains both the safety and longer using time.

Crystal clear voice:

Using Abell unique voice processing technology, combined with 40mm speakers, to ensure sound reproduction performance, clear and loud, to achieve the effect of distinguish people by their voices.

Harsh IP proof level:

Adopt the IP67 dustproof and waterproof design, the radio is submersible at the depth of 1 meter up to 30minutes, function well. The wonderful sealing ensures the board inside un-eroded in the harsh usage cases.

Certificate complied:

Intrinsically safe ATEX
IP67 dustproof and waterproof.
CE certificate

