

DORLAND Industrial Intrinsically Safe Smartphone eMate60 Solid

Developed by Beijing Dorland System Control Technology Co. Ltd., the industrial Intrinsically Safe Smartphone eMate60 adopts advanced technology with intrinsically safe circuit, 5.7" 18:9 touch screen and 2.0 Megapixel (Front Camera) 13 Megapixel (Rear Camera) . Its waterproof and dustproof performance can meet the IP68 standards. Screen brightness is over 400CD/M2, which makes the screen display be clearly visible even in outdoor light.

Equipped with customized 1423 1W Water-proof speaker on top and 1528 1.5 W Water-proof speaker on bottom exclusively customized for public network intercom, Max. 2 W. Double flashes, which makes power flashlight available anytime. Rear fingerprint unlock function; NFC function meets read-write needs on any occasion. In addition, built-in Beidou GPS and other functions are suitable for outdoor construction and pipeline inspection. eMate60 can also cooperate with OA office system, checking positioning system and data acquisition system etc.

The model is especially suitably used in dangerous environment such as petroleum, chemical, pharmaceutical, military industry, oil depot, tank farm as well as the dangerous sites with combustible and explosive gas. It is convenient for users' timely production dispatching and communication.

Protection grade: IP68

Explosive-proof grade: Ex ib IIC T4 Gb

Certification No.: CCRI 19.2017

OS: Android8.1

Screen: 5.7 HD + TFT, 1440*720

Memory: 4GB + 64GB DDR3

Platform: MT6762 8*A53, Max CPU Frequency 2.0GHz

Camera: 13MP (REAR) + 2MP (FRONT)

PDAF focus: 3L6 support

Touch focus: support

Battery: 4800mAh

Battery rated voltage: 3.8V

Beijing Dorland
System Control
Technology Co., Ltd.

Room1107, Tower B, Tsinghua
Tongfang Technology Square,
No.1 Wangzhuang Road,
Haidian District, Beijing, P.R.China

Tel: +86-10-62198496
Fax: +86 010 62985217

www.dorland-tech.com
tian@dorland.com.cn

DORLAND
www.dorland-tech.com

Frequency: GSM: 2/3/5/8

WCDMA: 1/2/4/5/8

TDS: 34/39

TDD: 38/39/40/41

FDD: 1/2/3/4/5/7/8/12/17/19/20/B28

CDMA: BC0

Size: 155x77.5x12.9mm

Bluetooth: 5.0

WIFI: 802.11 a/b/g/n/ac 2.4G, 5G dual band WIFI

NFC: YES

Radio: YES (earphone as antenna)

Storage: T-Flash

Fingerprint ID: rear fingerprint unlocking

OTG: YES

USB: Type-c

Sensor: proximity/light/geomagnetic/accelerometer/gyrometer

Noise-cancelling: YES

GPS: GPS + GLONASS or GPS + BEIDOU

Earphone jack: 3.5 MM

Scan head / scan head fill light / scan head spot light:

Honeywell standard scan head, compatible with New World CM60, compatible with Drow
scan head

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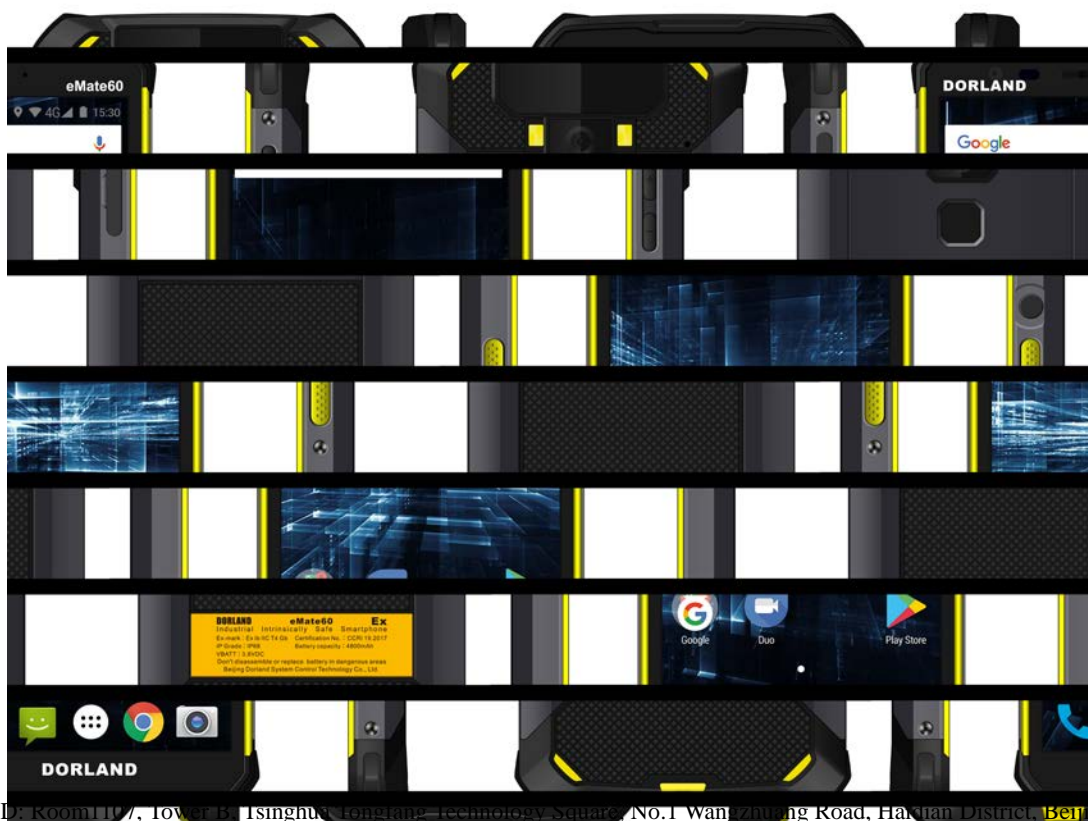
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www.dorland-tech.com
tian@dorland.com.cn




DORLAND
www.dorland-tech.com



Honeywell standard scanning head



ADD: Room1107, Tower B, Tsinghua Tongfang Technology Square, No.1 Wangzhuang Road, Haidian District, Beijing, P.R.China.

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CONFORMITY CERTIFICATE OF EXPLOSION-PROOF		
Certificate No.:		CCRI 19.2017
Company:	Beijing Dorland System Control Tech Co.,Ltd.	
Address:	Room 11B5,Huajie Plaza Dazhongsi Street,Haidian District, Beijing 100098,P.R.China	
Name of Product:	Industrial Intrinsically Safe Smartphone	
Type of Product:	eMate60	
Marking:	Ex ib II C T4 Gb	
Technical Documents:	Q/DLM 003-2019	
Drawing No.:	eMate60 BZ01	
Note(s):	1. Power supply by dual protection rechargeable lithiumion battery with rated voltage 3.8VDC, battery type:Ex Battery 024, 4800mAh; 2.Ambient temperature range:-20℃≤Ta≤+60℃; 3. IP code:IP68@1.2m/0.5h.	
By verifying the drawings and technical documents and checking samples,the product complies with the following standards currently valid in P.R.China:		
GB 3836.1-2010, GB 3836.4-2010, GB/T 4208-2017		
Date of Issue:	1.28.2019	
Valid till:	1.27.2024	
Authorize:	 	
China Coal Research Institute Testing Center		
(The test center of the national safety production of mining equipment and mining oil in Beijing)		
Note: This certificate is only valid for the products that are in accord with samples tested and verified. Center Add: No.5 Qingniangou Road,Hepingli,Beijing,100013 Tel/fax: 010-84262992 The query url of Explosion-proof Certificate: http://www.ccritle.com.cn/Home		