Beijing Dorland
System Control
Technology Co., Ltd.

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DORLAND
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DORLAND Industrial Intrinsically Safe Notebook Ex NB05S

Developed by Beijing Dorland System Control Technology Co., LTD., the industrial intrinsically safe & solid Notebook Ex NB05S adopted advanced technology with intrinsically safe circuit, 11.6" touch screen and 2.0 Megapixel (Front Camera) & 8.0 Megapixel (Rear camera) camera. Its waterproof and dustproof performance can meet the IP65 standards; In addition, The machine supports Optional 2D barcode scanning; standard USB2.0 and USB3.0 interfaces; built-in high precision Ublox GPS, altimeter, compass and other functions suitable for outdoor construction and pipeline inspection. It can also cooperate with OA office system, checking positioning system and data acquisition system etc. Especially it is used in dangerous environment of the explosion, such as petroleum, chemical, pharmaceutical, oil depot, tank farm as well as the dangerous sites with combustible and explosive gas. It is convenient for users to dispatch communicate timely.



Protection Grade： IP65
Explosive-proof Grade： EX ic IIB T5 Gc
Certification No.: CCRI 19.2388X

OS: windows 10 IOT 64bit
windows 10 Pro 64bit
windows 10 Home 64bit

CPU: Intel®kabylake-Y Core™ m3-7Y30
4M Cache, 2.60 GHz
Screen: 11.6"，1920(H)×1080(V)，350cd/㎡
Language: Default English
RAM: 8G DDR3L
SSD: 128GB NGFF SSD
SSD Upgrade: 128GB update to 256GB
128GB update to 512GB
Cameras: 2.0MP front + 8.0 MP rear

Frequency:
3G: FIBOCOM_H380-GL
GSM/GPRS/EDGE Band(850&900&1800&1900 MHZ)，
WCDMABand(850&900&1900&2100MHz)，HSDPA 21Mbps，HSUPA 5.76 Mbps
4G: B1/B2/B3/B4/B5/B7/B8/B13/B17/B20 (optional)
Dimension: 305*205*16.5 mm (host machine)
Battery: host 5000mAH/7.4V (keyboard 6300mAH/7.4V optional)

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Standby Time: >350 hours
Working Time: >12 hours
NFC: yes
Bluetooth: BT4.2 (BLE) class1 transmission distance: 10 m
Sensors: Gyro+compass
GPS: Ublox NEO-7, pro GLONASS, QZSS, GPS (BEIDOU optional)
WIFI: 802.11 (a/b/g/n/ac) 2.4G+5.8G, dual band WIFI
Module selection：2D scanning module，Fingerprint module



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中国认可
检测
TESTING
CNAS L0738

CCRITC

CONFORMITY CERTIFICATE OF EXPLOSION-PROOF

Certificate No.: CCRI 19.2388X

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 & Solid Notebook
Type of Product:	Ex NB05S
Marking:	Ex ic ⅡB T5 Gc
Technical Documents:	Q/DLM 001-2019
Drawing No.:	Ex NB05S BZ01
Note(s):	1. Power supply by dual protection rechargeable lithiumion battery with rated voltage 7.4VDC / 5000mAh; 2.The suffix "X" of the certificate means that it is forbidden to use external power supply and all kinds of external interfaces when using in hazardous places. It should be use at steady placement when working.

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

Date of Issue: 12.12.2019

Valid till: 12.11.2024

Authorize: 李长坤

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: 010-89268018
The query url of Explosion-proof Certificate: http://www.ccritc.com.cn/Home