

Dorland Industrial Intrinsically Safe Tablet PC/PAD EX Pad 07 5G (ATEX)

Developed by Beijing Dorland System Control Technology Co., LTD., the Industrial Intrinsically Safe Tablet PC/PAD EX Pad 07 5G (ATEX) adopted advanced technology of Germany with intrinsically safe circuit, 8.0" touch screen and 5Megapixel (Front Camera)+13Megapixel (Rear Camera with Auto Focus) camera(optional 8Megapixel (Front Camera)+16Megapixel (Rear Camera with Auto Focus) camera). Its waterproof and dustproof performance can meet the IP67 standards.

In addition, built-in GPS+Beidou+Glonass+Galileo+AGPS+SBAS, elevation measurement, 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.

ATEX marking: II 3G Ex ic IIC T4 Gc/II 3D Ex ic IIIC T135° C Dc/IP67

Certificate NO.: ECM 25 ATEX-B WU27

IP Grade: IP67

OS: Android 13.0/15.0 (GMS)

Processor: Qualcomm® Snapdragon SDM4350 Eight Core 2.2GHz

Screen: 8-inch IPS screen resolution: 1920 * 1200, visible under sunlight at 500nits

Memory: 6GB/128GB Optional: 8GB/256GB

Camera: Rear camera with 13 megapixel autofocus and flash, front camera with 5 megapixel

Optional: Rear camera with 16 megapixel autofocus and flash, front camera with 8 megapixel

Battery capacity: Standard 3.8V/9000mAh, 34.2Wh, detachable, supports tool free replacement

Supported frequency bands: GSM: 850/900/1800/1900

EVDO: BC0

WCDMA: B1/B2/B5/B8

TD-SCDMA: B34/B39

TDD-LTE: B34/B38/B39/B40/B41

FDD-LTE: B1/B2/B3/B4/B5/B7/B8/B12/B20/B28

5G NR: N1/N3/N28/N41/N78/N79

Size: 235mm * 146mm * 13mm (length * width * height)

Weight: Approximately 594 grams including battery (weight may vary slightly due to different optional modules)

Bluetooth: Bluetooth 5.1

Wireless: Dual band WIFI (2.4GHz/5GHz) 802.11 a/b/g/n/ac, WiFi 6-ready

NFC: Supports

Sensors: accelerometer/light sensor

GPS: Standard configuration: Four star positioning: Qualcomm M10N, Beidou/GPS/Galileo/GLONASS

Optional: Single Beidou satellite positioning module, UMD220

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

Other accessories: optional

2D Scanner

Image Sensor	640X480 CMOS
illumination	Red light LED 625 ± 10n
Reading system	2D 1D



UHF RFID

FCC (USA) 902MHz ~ 928MHz
Europe 865MHZ~867MHZ
Reading label No. per second >50
Reading distance 1.5-2 Meter





LAN

USB 2.0 to 10/100M Fast Ethernet Controller
USB2.0 to RMII, support H0mePNA and
HomePlug PHY
USB2.0 to reverse-RMII,supports glueless
MAC-to-MAC connections



Battery Charger



Metal Cradle (RAM/VESA75/VESA100)





Certificato di esame UE del tipo

EU-type examination certificate

n. ECM 25 ATEX-B WU27



Rilasciato ai sensi della direttiva 2014/34/UE – Allegato III - Modulo B
Issued according to 2014/34/EU Directive – Annex III - Module B

Richiedente

Applicant

Ragione Sociale Company Name BEIJING DORLAND SYSTEM CONTROL TECH CO., LTD.

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

Apparecchiatura Equipment Industrial Intrinsically Safe Tablet PC/PAD

Modello(i) Model(s) EX Pad07

Questa apparecchiatura o sistema di protezione e le sue eventuali varianti accettate sono descritte nel presente Certificato e nell'allegato dello stesso. This equipment or protective system and any acceptable variation thereto are described in this Certificate and its Annex.

L'ECM, Organismo Notificato n° 1282 in conformità all'art. 17 della Direttiva 2014/34/UE del Parlamento europeo e del Consiglio del 26 febbraio 2014, certifica che questa apparecchiatura o sistema di protezione verificata secondo la procedura di cui all'allegato III, Modulo B, è conforme ai requisiti essenziali di sicurezza e salute per il progetto e la costruzione di apparecchiature e sistemi di protezione destinati ad essere utilizzati in atmosfere potenzialmente esplosive, definiti nell'allegato II della Direttiva. The examination and test results are recorded in confidential report no. PRD-2025-WU27.

Le verifiche ed i risultati di prova sono registrati nel rapporto a carattere riservato n° PRD-2025-WU27. The essential health and safety requirements are assured by compliance with applied Standard: EN IEC 60079-0:2018+A11:2024, EN IEC 60079-11:2024.

Questo Certificato di esame UE del tipo è relativo soltanto al progetto, all'esame ed alle prove dell'apparecchiatura o sistema di protezione specificato in accordo con la Direttiva 2014/34/UE. This EU-type examination certificate relates only to the design, examination and tests specified equipment in accordance with Directive 2014/34/EU. Further requirements of the Directive shall be applied to the manufacturing process and supply condition: these requirements are not covered by this certificate.

L'apparecchiatura o il sistema di protezione deve riportare i seguenti contrassegni:

The equipment shall be marked with the following symbols:



II 3G Ex ic IIC T4 Gc/II 3D Ex ic IIIC T135°C Dc/IP67

Valsamoggia (BO)

Data - Date 19/12/2025

Timbro

Scadenza - Expiry date 18/12/2030

Test Report / Technical Construction File no. 202355535

Questo certificato, incluso l'allegato, può essere riprodotto solo integralmente e senza alcuna variazione.
This certificate, annex included, can only be reproduced in its entirety and without any change.



Firma autorizzata
Authorized signature

Amanda Payne
(Deputy Manager)