

Dorland Industrial Intrinsically Safe 5k Digital Card Camera EX Card Camera 02

DORLAND System Control Technology Co., Ltd. recently launched Dorland Industrial Intrinsically Safe 5k Digital Card Camera EX Card Camera 02, adopting 5K image quality, easy selfie, supporting electronic stabilization, built-in 6-axis gyroscope, supporting autofocus, and presenting distant and close scenes clearly.

In addition, we also suitable for outdoor construction and pipeline inspection, which can cooperate with OA office system, patrol positioning system and data acquisition system And other applications. It is especially suitable for hazardous explosion environment, such as petroleum, chemical, pharmaceutical, oil depot, tank farm and other dangerous places with combustibile and explosive gas, which is convenient for users to communicate with production and scheduling in time.

Ex Marking: Ex ic IIC T4 Gc / Ex ic IIIC T130°C Dc

Certificate No.: SYEx24.01168X

IP Grade: IP20

**Autofocus

**5K 5120 * 2880 (30FPS)

**Up to 48MP interpolation

**High brightness white light for supplementary lighting

**WiFi control

**IPS display screen

**Supports HDMI output

**Support for external microphones

**Supports electronic stabilization with built-in 6-axis gyroscope



Certificate parameters		
Ex Marking	Ex ic IIC T4 Gc / Ex ic IIIC T130°C Dc	
Certificate No.	SYEx24.01168X	
IP Grade	IP20	
Specification parameters		
Characteristic	**Autofocus **5K 5120 * 2880 (30FPS) **Up to 48MP interpolation **High brightness white light for supplementary lighting **WiFi control **IPS display screen **Supports HDMI output **Support for external microphones **Supports electronic stabilization with built-in 6-axis gyroscope	
Hot Shoe Function	External Fill Light	
Image Sensor	12 Megapixel CMOS Sensor (Up to 48MP Interpolation)	
Image Resolution	48M (8000 × 6000); 36M (6880 × 5160); 24M (5600 × 4200); 20M (5120 × 3840); 16M (4640 × 3480); 12M (4032 × 3024); 8M (3264 × 2448); 5M (2592 × 1944)	
Video Resolution	5K 30FPS; 4K 30FPS; 2.7K 30FPS; 1080P120FPS; 1080P 60FPS; 1080P 30FPS; 720P240FPS; 720P 120FPS; 720P 60FPS; 720P 30FPS	
Capacity (32GB)	About 3200 pictures(48M, 8000*6000)	
	About 4300 pictures(36M, 6880*5160)	
	About 18500 pictures(8M, 3264*2448)	
	Recording: 5K 30FPS, 1.5 Hours Video Length in Ideal Situation	
	Recording: 4K 30FPS, 2 Hours Video Length in Ideal Situation	
File Format	Pictrue	JPG
	Video	MP4
Screen	3.5 Inches 16: 9 IPS Screen	
Memory Card	Flash Memory: N / A	
	SD Card Slot(Max 256GB), Support SDXC C10 U1	
High Speed Cache	2Gb DDR3	
Output	USB	USB Mini-B 2.0
	Power	1500mAh, 3.7VDC
	Camera Lens	AF (F/2.2 f=3.37mm)
	Expanded	SD Card Slot(Max 256GB), Support SDXC C10 U1
Operation	Selfie Timer	Close / 2 Sec / 5 Sec / 10 Sec

	LED Fill Light	Support
	Exposure	Exposure compensation: ± 2.0 EV
	Zoom	16x Digital Zoom
	Auto Power Off	Close / 1 Min / 3 Mins / 5 Mins
	Date Setting	Adjustable with date stamp
	Metering Mode	Center / Multi / Spot
	White Balance	Auto / Daylight / Cloudy / Tungsten / Fluorescent (H / L)
	Flash Mode	Support
Shooting Distance		10cm to infinity
Shutter Speed		1/10Sec-1 / 3840Sec
Computer recommendation system configuration	PC System	Windows XP、Windows Vista、Windows7、 Windows 8 、Windows 10、Windows 11、Mac 10.2
	CPU	Intel Pentium 2.8GHz CPU or higher(3GHz recommended)
	SDRAM RAM	At least 1GB of RAM or higher(2GB recommended)
	Display Card	At least 64MB or greater video card
	USB	Standard USB 1.1 port or higher
	PC Accessibility	Note: By USB port camera can transfer file with PC, and the USB 2.0 Port can speed up the data transmission.
Battery life		Taking Video ≤ 80 mins, taking photos ≤ 120 mins
Language		English, Simplified Chinese, Traditional Chinese, Japanese, Korean, French, German, Italian, Spanish, Portuguese, Russian, Polish, Vietnamese
Accessories		User's manual*1, USB cable*1, HDMI cable*1, Charger*1, Camera Bag*1, Lithium battery*1, Wide Len*1, Lens Cap*1, Glasses Cloth*1, Lanyard*1
Net Weight		370g
Product Size		125*85*62mm





防爆电气设备
Explosion-proof electrical apparatus



防爆合格证

Conformity certificate of Explosion-proof

证书编号
Certificate No. SYEx24.01168X

制造商 Manufacturer	北京德兰系统控制技术有限公司
地址 Address	北京市海淀区王庄路1号院2号楼10层11-A1
生产企业 Factory	北京德兰系统控制技术有限公司
地址 Address	北京市海淀区王庄路1号院2号楼10层11-A1
产品名称 Name of product	本安型工业级防爆相机
型号规格 Type specification	EX Card Camera 02
防爆标志 Ex-marking	Ex ic II C T4 Gc; Ex ic III C T130°C Dc
产品标准 Product standards	Q/DLM013-2023 图样编号 Drawing No. EX Card Camera 02 ZZ01
备注 Note	1. 产品仅可使用北京德兰系统控制技术有限公司生产的 Ex battery 082 锂离子电池 (DC3.7V, 1500mAh)。 2. 严禁在危险场所拆卸、充电及使用插口。 3. 标称电压: DC3.7V。



经对上述产品图样及技术文件的审查和样品检验, 确认符合下列标准:
According to the above examination of product designs drawings and technical documents, and sample inspection, it has been confirmed that the following standards are met:

GB/T 3836.1-2021 爆炸性环境 第1部分: 设备 通用要求
GB/T 3836.4-2021 爆炸性环境 第4部分: 由本质安全型“i”保护的 设备

批准
Approved by

发证日期
Date of issue 2024-03-16

证书有效期至
Valid date 2029-03-15

机械工业低压防爆电器产品质量监督检测中心
Machinery Industry Product Quality Supervisory and Test Center of
Low-voltage Explosion-proof Electrical Product
沈阳电气传动研究所(有限公司)
Shenyang Electrical Drivings Research Institute (Co., Ltd)

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注: 本证书仅对与审查认可文件及检验样品一致的产品有效。Note: This certificate is valid only for products which are in agreement with the review and approval documents and samples.