STONKAM®
a better vision for the world

Wireless Forklift Fork Camera with Laser Positioning & Auto Heating Defogging



—— Model No.: HDW864 ——

STONKAM CO., LTD
Add.: 101, Building 6, No.1 Ruihua Road, Tianhe District, Guangzhou Guangdong, P. R. China.
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E-mail: sales@stonkam.com
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Features

- HD wide-angle view: horizontal 95°（±5°）, vertical 50°（±5°）, 1080P resolution, wide coverage with fewer blind spots
- Smart heating defogging: automatically defrosts below -10° C; supports manual timed heating for quick image recovery in low-temperature environments
- Wide operating temperature range: stable operation from -20° C to +70° C, suitable for cold storage, outdoor cold environments and high-temperature workshops
- Wide-voltage power supply: DC10~32V wide voltage input, compatible with 12/24V forklift vehicle power
- Industrial-grade protection: IP69K waterproof and high vibration resistance (ISO 16750-3), adapting to forklift vibration, humidity and dust
- Stable wireless transmission: 2.4GHz FHSS frequency hopping anti-interference, low latency and long-distance transmission, stable signal in complex forklift environments

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Specification

Image Device	1/2.9" CMOS
Effective Pixels	1920(H)x1080(V)
S/N Ratio	38
White Balance	Auto
BLC	Auto
Dynamic Range	81dB
Operating Frequency	2408MHz-2478MHz
Transmission Distance (Obstruction-free)	FCC: 100m CE: 70m MIC: 50m
Receiving Sensitivity	-83dBm
Video Decoding	H.264
Transmission Power	FCC: ≤20dBm CE: ≤16dBm MIC: ≤10dBm
Spread Spectrum	FHSS
Latency	Wireless Monitor: 130ms Wireless Receiver: 170ms
RF Data Rate	12Mbps
Operating Temperature	-20℃ ~ +70℃, RH95%Max.
Storage Temperature	-30℃ ~ +80℃, RH95%Max.
Minimum Illumination	0.1 Lux
Power Supply	DC10-32V
Power Consumption (without heating)	Daytime: 1.8W ~ 2.5W
Power Consumption (with heating)	Daytime: 4.8W ~ 5.5W
Night Vision Distance	No IR LED
Waterproof Rating	IP69K
Audio	No
Heater	Yes
IR-Cut Function	No

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