

Forklift AI Wireless Monitoring System

1*Micro SD Card(Max.128G)



—— Model No.: HDW277RS HDW814P HDW871 AC594 ——

STONKAM CO., LTD

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Features

【AI Functions】

The forklift monitor is equipped with built-in AI algorithms, supporting functions such as pallet detection, laser positioning with AI-controlled lighting, and pedestrian and vehicle detection — enhancing operational efficiency and safety.

【Recording Function】

The monitor supports 4-channel loop recording, alarm-triggered recording, and local playback. It is compatible with Micro SD cards up to 128GB.

【Long Transmission Range】

The forklift camera offers a transmission range of up to 120 meters; other wireless cameras can achieve a range of up to 300 meters in open areas, providing stable, interference-resistant signal performance.

【Waterproof & Vibration-resistant】

Monitor IP66 waterproof level; camera IP69K waterproof level, vibration-proof level ISO 16750-3 2012 (5.9G), durable, suitable for forklift trucks working outside.

【Easy Installation】

With a magnetic housing, wireless power supply, and compact camera design, the camera offers quick and hassle-free installation.

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Specification

Wireless vehicle monitor (HDW277RS):

LCD Dimension	7"
Resolution	1024x 3 (RGB) x600
Contrast	700:1
Brightness	1000cd/m ²
Viewing Angle	U:85 / D:85, R/L:85
Pixel Size	0.1506(W) x 0.1432(H)
Aspect Ratio	16:9
Channel	4 CH
Operating Frequency	2408MHz ~ 2478MHz(ISM band)
Receiving Sensitivity	-78dBm
Transmitting Distance	Max. 180ms
Decompression Form	H.264
Modulation	FHSS
Delay	Min. 130ms
Storage	Micro SD Card, up to 128G
System Format	PAL / NTSC
Power Supply	DC 10-32V
Power Consumption	Max.10W
Loudspeaker	1W/8Ω
Operating Temp. & Humidity	-20~+70°C,RH90%MAX
Storage Temp. & Humidity	-30~+80°C,RH90%MAX

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Wireless camera (HDW814P) :

Image Device	1/2.9" CMOS
Effective Pixels	1920 (H) x 1080 (V)
Signal to Noise Ratio	38dB
White Balance	Auto
BLC	Auto
Dynamic Range	81dB
Operation Frequency	2408MHz-2478MHz
Transmission Distance (Barrier Free)	120m (Max)
Receiving Sensitivity	-78dBm
Video Code	H.264
Transmission Power	FCC: ≤26dBm CE: ≤20dBm MIC: ≤10dBm
Modulation	FHSS
Delay	130ms
RF Bit Rate	12Mbps
Operating Temp. & Humidity	-20℃ ~ 70℃, RH95%MAX.
Storage Temp. & Humidity	-30℃ ~ 80℃, RH95%MAX.
Minimum Illumination	0Lux/0.1Lux
Power Supply	DC10-32V
Power Consumption	Day: 1.8W-2.5W Night: 3.6W-4.3W
Night Vision Distance	3-5M
Waterproof Rating	IP69K
Audio	No
Viewing Angle	62°
Heater	No
IR-Cut Function	No
Image Mode	Mirror/Normal

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Wireless camera (HDW871):

Image Device	1/2.9" CMOS
Effective Pixels	1920 (H) x 1080 (V)
Signal to Noise Ratio	38dB
White Balance	Auto
BLC	Auto
Dynamic Range	81dB
Operation Frequency	2408MHz-2478MHz
Transmission Distance (Barrier Free)	300m@20dBm
Receiving Sensitivity	-78dBm
Video Code	H.264
Transmission Power	10dBm/20dBm
Modulation	FHSS
Delay	170ms
RF Bit Rate	12Mbps
Operating Temp. & Humidity	-20℃ ~ 70℃, RH95%MAX.
Storage Temp. & Humidity	-30℃ ~ 80℃, RH95%MAX.
Minimum Illumination	0Lux/0.1Lux
Power Supply	DC10-32V
Power Consumption	Day: 1.8W-2.5W Night: 3.6W-4.3W
Night Vision Distance	NO IR LED/8-10m/12-15m/20-25m
Waterproof Rating	IP69K
Audio	Optional
Viewing Angle	35°/50°/70°/100°/130°
Heater	Optional
IR-Cut Function	Optional
Image mode	Mirror/Normal

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