

7-INCH WIRELESS HD CAMERA SYSTEM

Cable-Free Rear & Forward View Safety System for Forklifts and MHE



Forklift trucks block the driver's line of sight when forking and transporting loads, creating blind zones front and rear that put people and equipment at risk. Liftronic's Wireless HD Camera System gives the operator a real-time view through a 7-inch monitor with a built-in 2.4G wireless receiver — no cabling to run — paired with a rechargeable, magnetically-mounted camera for fast installation anywhere on the vehicle.

WIRELESS MONITOR WL-LIFT-AO78HD	HD WIRELESS CAMERA CA-777	MOBILE POWER SUPPLY PB-990
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Key Features

- Fully wireless link between monitor and camera — no cable runs, fast installation
- 7-inch IPS screen with single / double / triple / quad picture display modes
- Built-in 4-channel 2.4G wireless receiver, up to 200m clear line-of-sight range
- 1080P camera resolution with 304 stainless steel, anti-collision housing
- IP69K-rated camera, IP67-rated rechargeable mobile power supply
- Supports up to 256GB TF card recording in AVI format
- Green slotted laser positioning for precise load placement

WIRELESS HD MONITOR — TECHNICAL SPECIFICATIONS

Model: WL-LIFT-AO78HD

Screen	7-inch IPS screen
Wireless Receiving	Built-in 4 channels of 2.4G wireless receiver
Picture Mode	Single picture / double pictures / three pictures / four pictures
Operating Frequency	2400~2483.5 MHz
Recording Function	Maximum support 256GB TF card
Recording File	AVI format
Receiving Sensitivity	≤ -86 dB
Receiving Distance	Up to 200m clear line of sight
Resolution	1024 x 600
Color System	PAL/NTSC (Auto)
Brightness	600 cd/m ²
Load Dump	ISO16750-2 standard (24V system Us=174V, Ri=4Ω, td=350ms)
Anti-vibration Grade	5G (meets GB/T 2423.56-2023 standard)
Operating Temperature	-20°C to +70°C
Storage Temperature	-30°C to +80°C
Operating Voltage	DC 11-32V
Outer Dimension	L x W x T = 216 x 150 x 80 mm

HD WIRELESS CAMERA — TECHNICAL SPECIFICATIONS

Model: CA-777

Image Sensor	1/2.9 Color CMOS
Wireless Transmission	Built-in 2.4G digital wireless transmitter
Transmit Power	18dBm
Transmit Distance	Up to 200m clear line of sight
Resolution	1080P
Effective Pixels	1920(H) x 1080(V)
Visible Angle	52°
Shell Material	304 stainless steel, anti-collision design
Laser Positioning	Green slotted laser
Waterproof Grade	IP69K
Operating Voltage	DC 12V
Operating Temperature	-20°C to +60°C
Storage Temperature	-30°C to +70°C
Anti-vibration Grade	5G (meets GB/T 2423.56-2023 standard)

Outer Dimension	116(W) x 37(H) x 30(D) mm
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MOBILE RECHARGEABLE POWER SUPPLY — TECHNICAL SPECIFICATIONS

Model: PB-990

Cell Type	Lithium-ion polymer
Cell Capacity	111Wh / 30,000mAh
Rated Capacity	7,500mAh (12V 0.5A)
USB Input (fast charging)	5V=15W, 9V/12V=18W
DC Output	12V (0.8A) – 9.6W Max
Waterproof Grade	IP67
Charging Environment Temperature	0°C to +50°C
Discharge Operating Temperature	–20°C to +55°C
Storage Temperature	–40°C to +60°C
Outer Dimension	148(W) x 88(H) x 46.5(D) mm

This product information is for reference only. Specifications are subject to change without notice — the actual product shall prevail. For quotations, installation support or fleet-wide deployment across your MHE and construction equipment, contact the Liftronic sales team.