

LOAD-VIEW CRANE SYSTEM

DESCRIPTION

The load-view crane system is engineered to provide a definitive bird's-eye view of the entire hook block and load zone. By delivering a high-definition, wireless visual feed directly to the operator's cabin, this system effectively eliminates blind spots and provides total situational awareness.

ALGORITHM SUPPORT

- 1) Pedestrian detection algorithm, the algorithm needs the user to provide the relevant data set and target height angle information, otherwise the false detection rate will be high. The feature is enabled by default.
- 2) Automatic target tracking, which requires users to provide relevant data sets and information of tracking targets, this function is turned off by default.

MANUAL ZOOM CONTROL/FOCUS/DIGITAL MAGNIFICATION

- 1) Control image magnification and reduction, focus and digital magnification size through corresponding function buttons on the monitor.
- 2) Control image magnification and reduction by stepping foot switch.
- 3) Control image zoom in and zoom out, focus and digital zoom size through the web end.

WIRELESS CODING

- 1) For the first time, when the camera starts up or is powered on for a period of time, set the search device and automatic connection through the on-screen matching code.
- 2) There is no need to do the code alignment again in the future, unless the relevant information is cleared on the display side and the code alignment operation is performed again.



NIGHT VISION FUNCTION

- 1) When it is dark at night, the camera will automatically switch to night vision mode and turn on the infrared night vision light to fill in the light.
- 2) Note that the power consumption of the device will further increase in the case of night vision, and it is necessary to pay attention to power consumption when using battery power supply.

DETAILED TECHNICAL PARAMETERS

Image sensor	1/2.9
Wireless transmission	Built-in 2.4G digital wireless transmitter
Transmit power	CE: $\leq 20\text{dBm}$ MIC: $\leq 10\text{dBm}$
Launch distance	CE: 150m MIC: 60m
Operating frequency	2408 ~ 2478MHz
Resolution	1080P
Effective pixels	1920(H) X 1080(V)
Optical zoom	Optical zoom 30x
Focus distance	4.85 ~ 138.66mm
Aperture value	1.65(W) ~ 4.70(T)
Horizontal view	57.69°(W) ~ 2.2°(T)
Visible distance	5 ~ 200M
Focus mode	Autofocus
Day and Night mode	IR-CUT Automatic switching
Infrared distance	50M
Waterproof rating	IP69K
Operating voltage	DC10 ~ 32V
Operating temperature	-20°C ~ +70°C
Vibration resistance rating	5.9G (compliant with GB-T2423056-2006)
Overall dimensions	220(W) x 110(H) x 106(D) mm