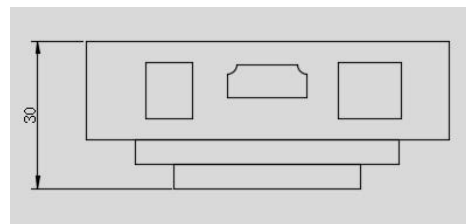
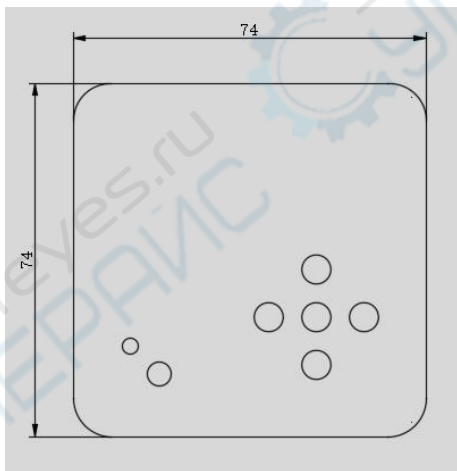
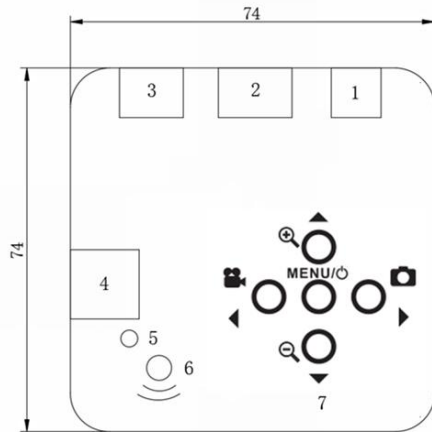


KP 2100 Industrial Camera Manual

1. Size & Structure



2. Interface & Key



1	DC 12V socket
2	HDMI socket
3	USB socket
4	TF Card
5	Power light
6	IR remote control
7	Buttons

Key Function

buttons: 		When no menu, , press to pop Menu When have menu, press to return last level Long press to power down , then press to power up
		When have menu, highlight item up or down When no menu, digital zoom
		When have menu, the item value decrease. When no menu, start video record mode . Then press right button, to start and stop record.
		When have menu, the item value increase, or enter sub menu When no menu, take photo

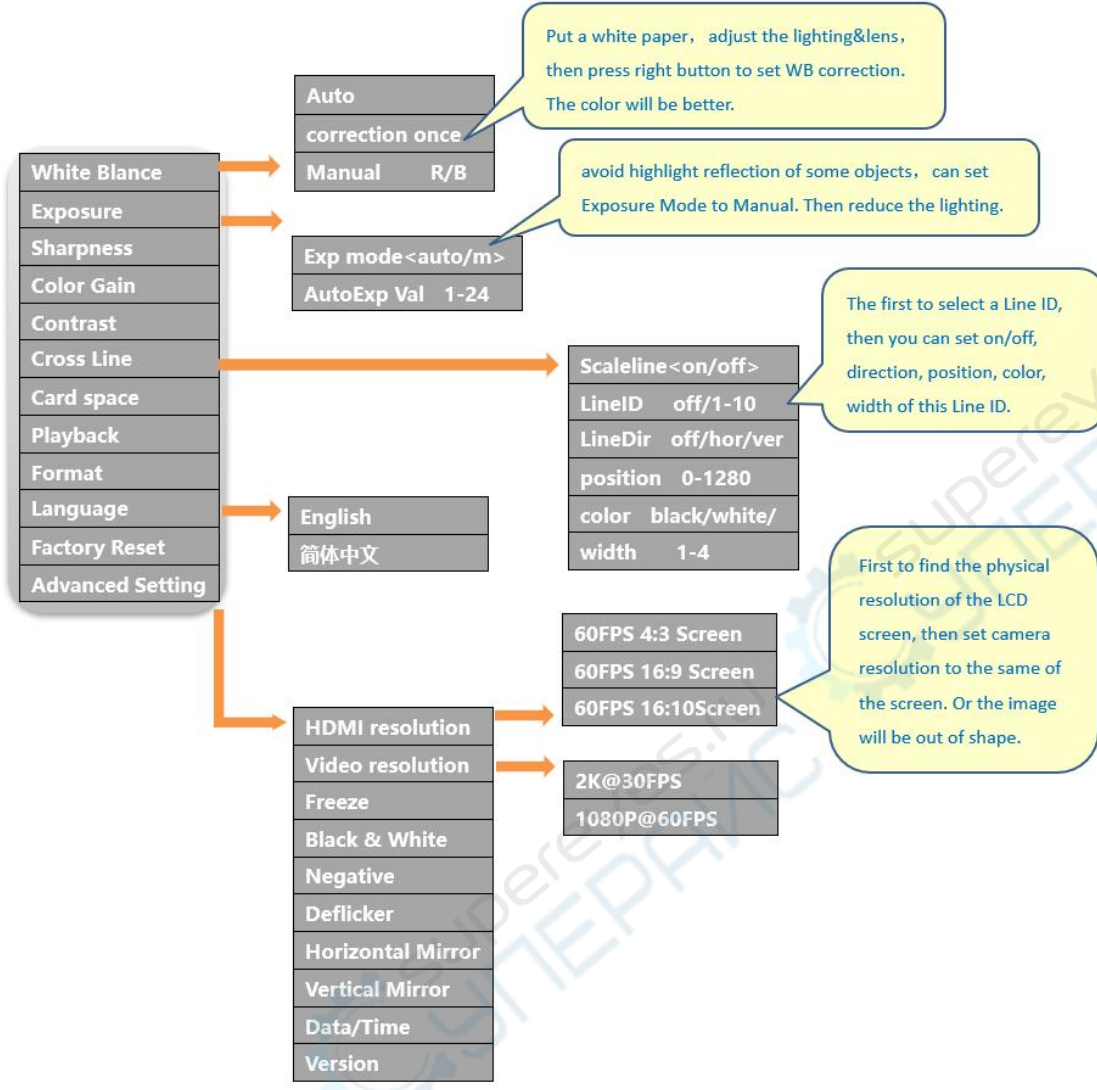
3. Menu & Operation

Menu Button: pop menu

Right Button: OK or enter sub menu

Menu Button: back to last level, or exit menu

HDMI USB TF Card Camera



4. Parameter

Module	KP2100
Sensor	Panasonic 21MegaPixel CMOS Sensor
Optical format	1/2.3 inch
pixel size	1.335 μ m \times 1.335 μ m
interface	HDMI (Type A)、USB (Type B)、TF Card
Image resolution	21MegaPixel
Video record resolution	2K@30FPS, 1080p@60FPS
HDMI resolution	1920*1080p 60FPS Can output with USB at the same time
HDMI scale	Support 4:3, 16:9, 16:10 screen
USB2.0(Drive free)	1920*1080@30 1280*720@30 640*480@30 Can output with HDMI at the same time
TF card	MAX 64GB
AWB	WB color correction/Auto/Manual R、G、B value setting independent
Exposure	Auto/Manual. AE value can set
Cross lines	8lines. Can set color& width& position
Scale mark lines	2lines.
Dotted lines	2lines. Can set color& width& position
Sharpness Contrast Color gain	Support
Mono Negative	Support
Mirror	Horizontal vertical mirror
Language	English/simplified Chinese
Digital Zoom	Support
IR remoter	Support
Voltage in	DC 12V (5-19V), 55-21mm size
Power consumption	MAX 0.15W (12V, 0.12A)
Lens interface	C/CS \square
Net weight	180g
Gross weight	400g
Camera size	74*74*35mm
Packaging size	160*100*80mm
Packaging list	Camera/adapter/remoter/Usb lines/paper manual

五 FAQ

Questions	Solutions
LCD no video or flicker	1、 Check power supply. Check green LED be onlight. Press PowerKey to Up it. 2、 Check lens cover. Increase the lighting.
LCD have black bar Image warp	1、 change resolution of LCD 2、 change resolution of camera
Have dirty spot	Check camera and lens, find the dust, then clean using absolute ethyl alcohol or cleanser