HIKIMAGING

FHD Camera System
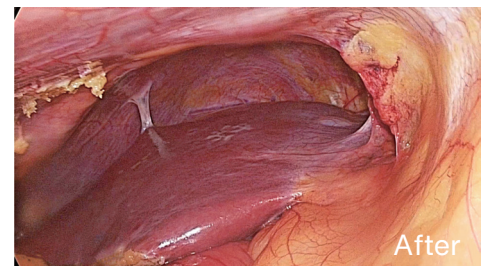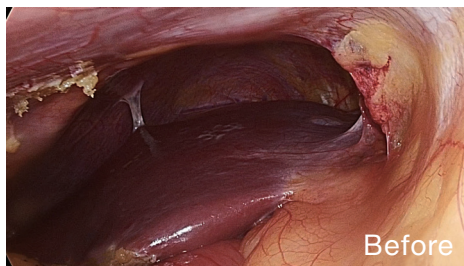
MIK-13X/MIK-31X

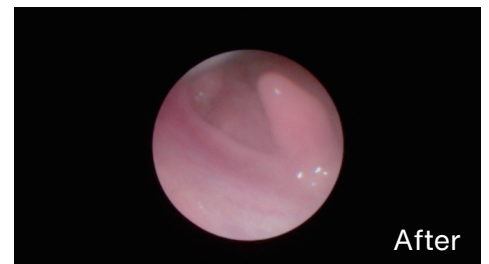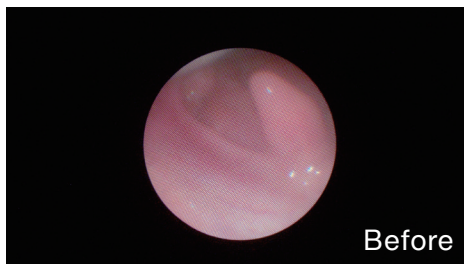## HD Camera System

Key Technologies

De-Dark

Generally used in laparoscopic surgery and ENT to identify dark areas and improve brightness by identifying the partial dark area of visual field, the hidden details appear, and the whole area of the surgical field is bright and transparent.

Before
After

De-moiré

The original adaptive grid search algorithm intelligently identifies grid interference, weakens grid traces, repairs the loss of details, highly restores the image. Generally used in fiber lens surgery, like kidney lithotripsy surgery.

Before
After

Standard HD Solution

Model	MIK-310	MIK-311	MIK-312
Video output	HDMI 1.4(1080P 60/50/30/25Hz) 3G-SDI(1080P 60/50/30/25Hz) DVI(1080P 60/50/30/25Hz)	HDMI 1.4(1080P 60/50/30/25Hz) 3G-SDI(1080P 60/50/30/25Hz) DVI(1080P 60/50/30/25Hz)	HDMI 1.4(1080P 60/50/30/25Hz) 3G-SDI(1080P 60/50/30/25Hz) DVI(1080P 60/50/30/25Hz)
Video input	Not Supported	3G-SDI(1080P 60/50/30/25Hz; 720P 60/50/30/25Hz) DVI(1080P 60/50/30/25Hz; 720P 60/50/30/25Hz)	3G-SDI(1080P 60/50/30/25Hz; 720P 60/50/30/25Hz) DVI(1080P 60/50/30/25Hz; 720P 60/50/30/25Hz)
Communication interface	RJ-232x1	RS-232×1，RJ45×1	RS-232×1，RJ45×1
User interaction	Panel: Menu	Panel: Menu	Panel: Menu
Date/Time	Supported	Supported	Supported
Capture & Record	Not Supported	1080P supported Quality settings supported	1080P supported Quality settings supported
Language	Chinese, English, Japanese Korean, Spanish, Russian, German	Chinese, English, Japanese Korean, Spanish, Russian, German	Chinese, English, Japanese Korean, Spanish, Russian, German
Power	100V-240V，50/60Hz	100V-240V，50/60Hz	100V-240V，50/60Hz
Power consumption	35w maximum	35w maximum	35w maximum

Economic HD Solution

Model	MIK-130	MIK-131	MIK-132
Video output	HDMI 1.4 (1080p/60Hz) 3G-SDI (1080p/60Hz) DVI (1080p/60Hz)	HDMI 1.4 (1080p/60Hz) 3G-SDI (1080p/60Hz) DVI (1080p/60Hz)	HDMI 1.4 (1080p/60Hz) 3G-SDI (1080p/60Hz) DVI (1080p/60Hz)
Video intput	Not Supported	Not Supported	DVI(1080P/60Hz) S-Video(720P/60Hz)
Communication interface	RJ-232x1	RJ-232x1, RJ45x1	RJ-232x1, RJ45x1
User interaction	Panel:Menu	Panel:Menu	Panel:Menu
Date/Time	Supported	Supported	Supported
Capture & Record	Not Supported	1080P supported Quality settings supported	1080P supported Quality settings supported
Language	Chinese, English, Japanese, Korean, Spanish, Russian, German	Chinese, English, Japanese, Korean, Spanish, Russian, German	Chinese, English, Japanese, Korean, Spanish, Russian, German
Power	100V-240V, 50/60Hz	100V-240V, 50/60Hz	100V-240V, 50/60Hz
Power consumption	35W maximum	35W maximum	35W maximum

Hikimaging Official Website