

BREAK THE LIMITS

THE FULL HD MICRO CAMERA GP-UH332



- » High Resolution with up to 1000 TV lines
- » 1/3 inch image sensor
- » Medical Electrical Standard IEC60601
- » Excellent color reproduction
- » HDMI & HD-SDI video outputs



FULL HD MICRO CAMERA SYSTEM

GP-UH332 SERIES

Full HD Technology

The Full HD micro camera GP-UH332 demonstrates a resolution of up to 1000 TV lines. Therefore, impressively clear images can be achieved. The micro camera head GP-UH332H provides high sensitivity at F11 (2000lx). Due to the small size of the 1/3 inch image sensor, the micro camera head can easily be integrated in a variety of applications.

High Colour Reproduction

One of the unique features of the 3 chip camera implies a superb color separation into the channels red, blue and green. Therefore, the GP-UH332 provides faithful colors for various implementation possibilities.

Ex Zoom

For precise close up, the camera enables an ex zoom feature. Details can be reviewed without a loss of resolution.

System control and operation

The Full HD micro camera can also be controlled via an user friendly OSD on-screen menu. Parameters and settings as presets can easily be secured. It can additionally be controlled via a MS Windows compatible GUI software.

Medical Electrical Standard

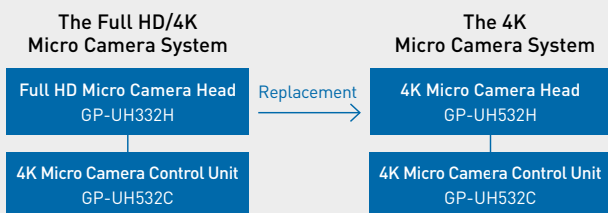
The GP-UH332 system can be applied in a variety of medical devices and procedures as it is compliant with the Medical Electrical Standard IEC60601 (IEC60601-1 / IEC-60601-1-2). Chemical resistance coating prevents the system from deterioration of resin portion and peeling of coating if the equipment is wiped with chemicals, such as alcohol.

Specification GP-UH332

Model name	Camera head	GP-UH332H
	Control unit	GP-UH332C
Image sensor		1/3" progressive color 3MOS
Lens mount		C-Mount
Synchronization		Internal, External
Video output	Output	HDMI x 2ch (Full HD) 3G/HD-SDI x 5ch (Full HD)
Video format	HDMI	1920x1080/59.94p, 1920x1080/59.94i, 1920x1080/50p, 1920x1080/50i
	SDI	1920x1080/59.94p, 1920x1080/59.94i, 1920x1080/50p, 1920x1080/50i
Sensitivity		2000 lx (3200K, F11)
S/N ratio		54dB (Gain off)
Longtime exposure		Available
Resolution		1000 TV line standard
Ex Zoom		Available
External control		ø3.5 stereo mini jack
Operation temperature range		0°C to 40°C
Operation humidity range		30° to 90° (Without condensation)
Power Source	Power Supply	12V, 40W
	Power Consumption	
Dimensions	Head	W27 mm x H30 mm x D42.5 mm
	CCU	W185 mm x H57 mm x D270 mm
Camera Cable	Cable Length	3m, 6m until the end of 2016, afterwards 6.6m, 15m
Camera head	Weight	65g
Conformity to Safety Regulation and EMC Requirement for Medical Use		Medical Electrical Standards: IEC60601-1, -2 *Including AC adaptor

Full HD/4K Micro Camera Combination System

By utilizing the Full HD/4K Micro Camera Combination System operators can first benefit from the Full HD signal. As soon as the environment is 4K ready, it is possible to upscale to 4K by expanding the system. Thereby, only an additional 4K micro camera head needs to be acquired.



The GP-UH332C Camera Control Unit does not support this functionality.

System Components



GP-UH332C Camera Control Unit

- » Supports GP-UH332H head
- » Dimension: 185 x 57 x 270mm
- » User profile function: 6 profiles
- » Outputs: HDMI and 3G/HD-SDI



GP-UH332H Remote Camera Head

- » 1/3" 3MOS image sensor
- » Dimension: 27 x 30 x 42,5 mm
- » High sensitivity
- » F11 at 2000lx



GP-UC532/332 Signal Cable

- » GP-UC532G03 (3m)
- » GP-UC532G06 (6m until the end of 2016, afterwards 6.6m)
- » GP-UC532G15 (15m)



GP-NT532C/MPU60A

- » From 100 to 240V AC (50/60Hz) and 12V DC
- » Adapter cable with Hirose plug
- » Medical IEC60601-1 approval



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