

# Contents

Note: Content(s) and design are subject to change by manufacturer without notice.

Controller + Glasses



Main unit



DVI-DVI optical cable



DVI-HDMI optical cable



Main unit power adaptor



Controller battery



Battery charging deck



Controller pouch & holder



Glass headband



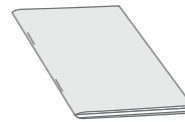
Light screen



Lens holder



User manual



# Specification

Main unit

Video	Input	1x DVI (Max. 1920 x 1080)
	Output	1 x DVI (pass-through, Max. 1920 x 1080)
	Encoder	H.264
Wireless standard	IEEE 802.11n 5GHz	
Power input	DC 12V 3.34A	
Power consumption	Max. 6W	
Size	300 X 200 x 50 mm	
Weight	1.65 kg	
USB	Type A (for firmware update only)	

Controller + Glasses

Display performance	Display type	Si-OLED (Silicon-Organic Light-Emitting Diode)
	Resolution	1280 x 720
	Viewing angle	Approx. 23° (Diagonally)
	Virtual screen size	Approx. 40" (Virtual viewing distance 2.5m)
	Color reproduction	24 bits color
Wireless standard	IEEE 802.11n 5GHz	
Power	Input	DC 5V 2.4A
	Battery	Lithium polymer batteries 10,000 mAh
	Actuation time	Approx. 6 hours
Size	Headset	178 x 191 x 25 mm (Light screen excl.)
	Controller	164 x 94 x 34 mm (Projection part excl.)
Weight	Headset	127 g (Light screen and cable incl.)
	Controller	500 g (Controller battery incl.)

Distributor

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World First Surgical Smart Glasses



GV-200

Real-time wireless transmission of medical imaging from scope devices to smart glasses



www.medithinq.com

## Innovative smart glasses for maximizing efficiency and contributes to reduce fatigue and chronic pain due to unnatural posture

New solution for improving medical environment with free, natural movement and less burden on surgeons' neck, shoulder and body during long-time or repeating operations

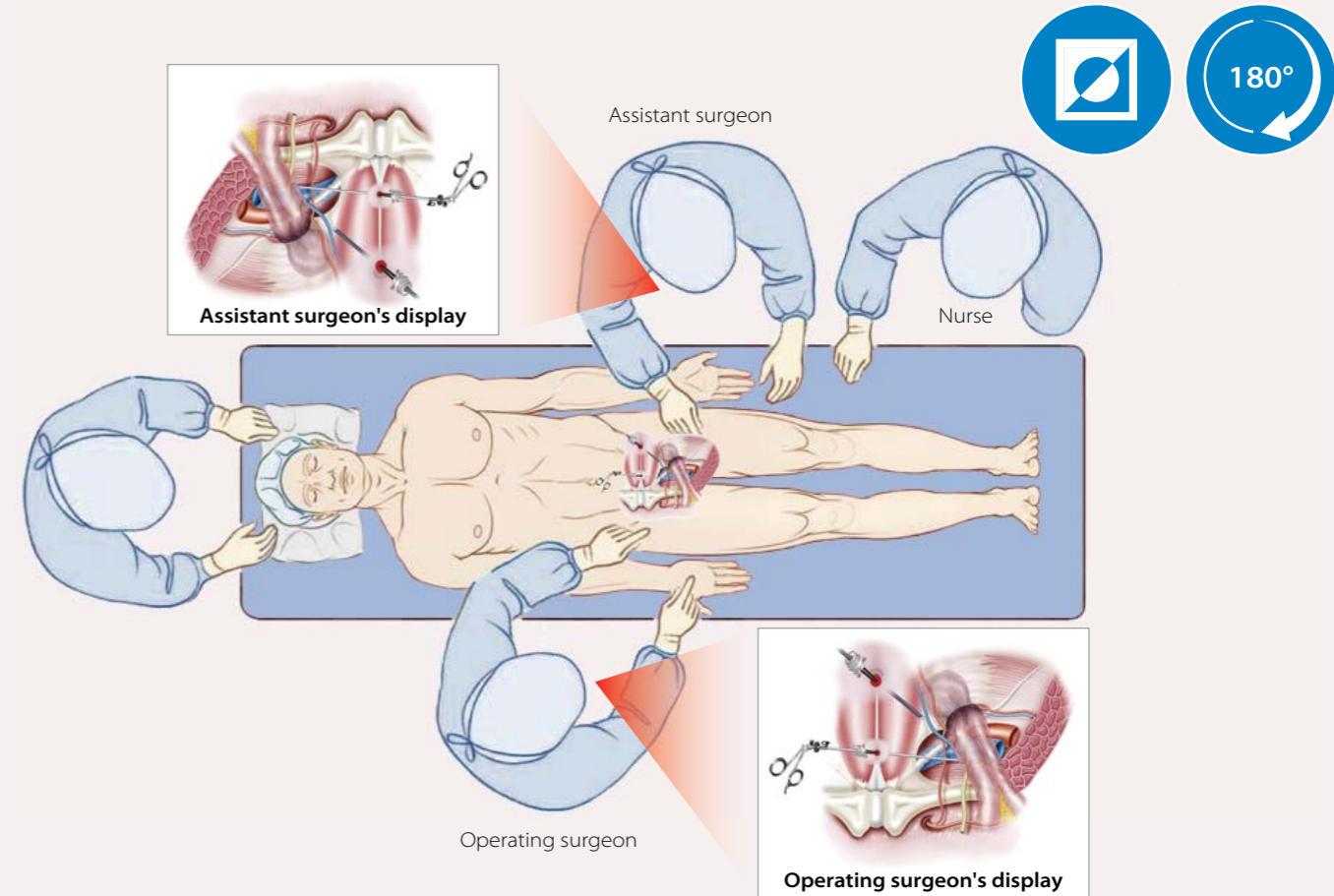
## Real-time transmission with independent developed WiFi module - System tested and verified for reliable use

Simply connectable with various medical equipment(endoscope, laparoscope, arthroscope, etc) outputs images, providing space utility and shortening surgical duration

### Clear and bright medical imaging with smart glasses



### Inversion function, mirroring or half-turn, of scope image



### Minimized latency by special Wi-Fi module

Monitor	Smart glasses	Latency measurement test
00:26:51.75	00:26:51.68	70 ms
00:26:58.99	00:26:58.92	70 ms
00:27:01.49	00:27:01.42	70 ms

Simultaneous transmission of medical imaging to 5 smart glasses



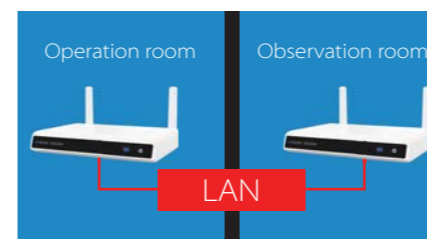
Linkable to all scopes, easy to control instruments, suitable for minimal invasive surgery



Color adjustment and device setting for different scopes / surgeries

Camera Device	
Red	< 2 >
Green	< 0 >
Blue	< 0 >
Brightness	< 0 >
Contrast	< 0 >

Connect main units through LAN in and outside operation room to share scope image



Glasses with OLED screen for brightness and contrast and compatible to 2D / 3D



6 hours continuous operation as high capacity battery embedded in controller

