

IRIS VIEW 4K

Your video assistant for a versatile video shooting and editing



The new **multi-media Iris View trolley system** combines the doctor's needs and the best technological innovations in the field of optics and digital technology.

THE FULL VERSION INCLUDES:

- IRIS VIEW lamp with Flow motion arm
- Medical Monitor
- Video capture device for video streaming IV BOX
- Possibility to split IRIS VIEW video on another external Monitor by HDMI connection

Easy to store: compact dimensions

Easy maintenance: the technician has an immediate access to the inside main components

IV BOX

- Shows your video directly on monitors, smartphones, tablets or PCs.
- Records your videos on internal storage, a connected USB drive or an associated smartphone or tablet.
- Live streaming to popular services such as Facebook Live, YouTube, Twitch or to a RTMP/RTMPS server.
- Internet connectivity via wired Ethernet, Wi-Fi and optional 3G/4G modem support.
- Microphone and headphone connection

Iris View 4K

streamlines each dentistry procedure, simplifies your workflow, enhances the video shooting process and the video-editing.

The level of magnification and image clarity improves patients' examination, allowing professionals to check minute changes in oral conditions, tiny cracks, and restoration margins.

Iris View 4k improves treatment: the integrated camera allows professionals to easily store patients' historical data, monitoring healing progress, and detecting early signs of complications.

Iris View 4k improves communication with the patients and foster trust, thanks to detailed before/after comparisons, and the potential to create high-quality patient education materials.

The high quality camera and recording improve training and professional development. It enables the production of high-quality educational content and detailed case presentations for congresses, conferences, video projection in auditoriums and training centers with wall-screens.

Why is it your perfect video assistant?

WORKFLOW ADVANTAGES



Quick initial set-up. Forget about long starting procedures or manual adjustments

Professionals can focus on the working procedure, the camera captures all necessary details for the post-production.

Iris View 4k reduces the need for multiple takes or other devices' shootings.

Key-board light settings selection allows you to quickly control the light

EDITING ADVANTAGES



Extensive post-editing capabilities

The footage can be magnified to show specific details without losing quality

Create different types of content from a single recording

High-quality still images from the video

Maximum light quality

G.COMM continues with its philosophy of striving for maximum lighting quality, keeping alive the concept of adapting the light parameters based on the needs of the professional, as well as the specific type of treatment. This is possible thanks to the regulation of the brightness intensity from 8000 to 50000 lux, the regulation of the colour temperature between 4200 and 6000 Kelvin and a high colour rendering index (CRI), fundamental in surgical treatments because it emphasizes the contrast between the soft tissues. These various settings can be selected from a convenient keypad that has 3 preset programmes



Color matching

5500 K, creates a combination of cool and warm LEDs that maximises the color rendering index, facilitating the dentist's choices during tooth replacement operations



Surgical treatment

4500 K, optimises the color contrast on the soft tissues, better distinguishing the shades of the gums, blood and periodontium.



Anti-polymerisation mode

3000 K, minimises blue emission, reducing the compound curing speed

My light for iPad

Iris View can be managed through iPad application (that can be downloaded from App Store) for complete Wi-Fi management of all the lamp's features. **My Light** manages the different parameters of the lamp, varying brightness intensity and color temperature simply by sliding two cursors. The polymerisation, surgery and colour matching buttons set the lamp to one of the three preset programmes, whereas the video camera is adjusted using the zoom cursor and the freeze, reverse and flip buttons.



Lamp

Brightness intensity (5 adjustable steps): from 8000 lux to 50000 lux

Color temperature (5 adjustable steps): from 4200 K to 6000 K

CRI (color rendering index): > 95%

Illuminated spot dimension: 80 x 200 mm

Focal length: 70 cm

Light source: 8 LEDs

Supply voltage: 12 - 24 Vac 50-60 Hz

Maximum power absorbed: 35,2 VA

4k Camera

Resolution: 3840 x 2160 (4K)

Zoom: 30x

Zoom speed: from wide to full zoom in 3.0 sec

Video output: 4K at 30 fps 6G SDI

Sensor: 1 / 2.5" Exmor R CMOS sensor

White balance: automatic from 3000K to 7500K

Brightness balance: automatic

Image stabiliser: 90% vibration correction up to 10Hz