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Planmeca Solanna™ Vision

Intelligent light for brighter workdays

With two 4K cameras



ENGLISH

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Get ready for a new era

The greatest operating light, now integrated with two 4K cameras

__Planmeca Solanna™__ is renowned for its superior lighting features and easy operation. Just when you thought an operating light couldn't get any better, we have managed to raise the bar. We have added two, fully integrated 4K cameras to create __Planmeca Solanna™ Vision__ – the smartest operating light in the history of dentistry. Taking high-resolution images and videos has never been as fast and easy!



Two fully integrated 4K cameras, a digital zoom and integrated microphones

- Take premium-quality still images and videos
- Save images quickly and get usage data through **Planmeca Romexis®** connectivity
- Use easily via the Planmeca Romexis software, the dental unit's user interface, the operating light handle or the dental unit's foot control
- Communicate with patients
- Consult with colleagues
- Document treatment sessions: the cameras can stream entire treatment sessions or record individual moments during treatment

Advanced LED technology and unique mirror optics

- Less shadows with uniform light
- Clear visibility with large illumination field
- Adjustable intensity and colour temperature
- Easy positioning
- Impeccable infection control

	Solanna	Solanna Vision
Excellent light intensity	✔	✔
Large illumination field	✔	✔
Easy positioning and operation	✔	✔
Connectivity to **Planmeca Romexis®**	✔	✔
Two 4K cameras for capturing still images		✔
Two 4K cameras for capturing videos		✔



An operating light with 3D vision

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Exceptional possibilities with still images and videos

*The integrated cameras of the **Planmeca Solanna™ Vision** smart light can be used to record your treatment session in 4K resolution. This can be utilised for example to improve patient communication or when carrying out surgical procedures. All data is automatically stored in the **Planmeca Romexis®** software and can easily be found for further use. As extraoral cameras are no longer needed, the daily workflow becomes faster and more fluent than ever before.*



Take premium-quality still images and videos

- Outstandingly wide imaging field allows capturing the complete operating area
- Advanced exposure and light control prevents overexposure and guarantees the best possible image quality
- Built-in image stabilisation enables stable and sharp imaging
- Effortless and infection-free operation from the foot control



Communicate with patients

- Communicate treatment plans on the chairside display
- Visualise treatment progress by showing earlier recorded stills/videos
- Educate patients on their oral health, e.g. daily flossing, brushing, and implant and denture care

Consult with colleagues

- Consult with other experts online to avoid unnecessary referrals and additional visits
  - E.g. GP dentists or oral hygienists consulting specialists, students consulting professors, etc.
- Record consultations for future reference



Document and save treatment sessions

- Safe data storage and encrypted transfer of images and videos for further use
- Built-in microphones enable saving diagnostic and treatment information in audio format
- As all stored data is time and date stamped, recordings of treatment sessions can be used as evidence if needed

Still imaging	More than 13 MP
Video imaging	Up to 30 fps
Lenses	Ultra HD high precision compatible lenses
Focus range	Optimal working distance 70 cm, (27.6 in.) focus range ±15 cm (5.9 in.) or ±30 cm (11.8 in.) depending on imaging mode
Image field	60 x 34 cm (23.6 x 13.4 in.)
Image distortion	Uncalibrated less than 2%
Networking	LAN: 1 Gig Ethernet
Compatibility	Planmeca Romexis® 6.0 or newer For detailed information please see system requirements of Planmeca Romexis www.planmeca.com

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Brightness and colour of your choice



*Our **Planmeca Solanna**™ operating lights provide perfect visibility over the entire treatment area. There is enough intensity for all operations and you can adjust the brightness and colour temperature according to your own preferences and specific treatments. The operating light's beautiful and effortless movements allow smooth positioning in all situations.*

Uniform light with less shadows

- Advanced LED technology and unique mirror optics guarantee uniform light intensity
- Minimised shadows as the light is reflected from a vast surface

Clear visibility to all corners

- The large illumination field provides excellent visibility to the entire treatment area
- The sharp edges of the light beam make the light eye-friendly for the patient

Adjustable intensity and colour

- Light intensity can be adjusted steplessly between 8,000 and 50,000 lux
- Colour temperature can be optimally adjusted according to treatment
  - Cool (5,000 K) – e.g. reconstruction of enamel surfaces, dental shade matchings
  - Neutral (4,500 K) – e.g. caries removal
  - Warm (4,000 K) – e.g. observation and diagnosis of soft tissue
- The composite mode enables safe use of composite materials and prevents pre-polymerisation

Easy positioning

- The light head moves smoothly to cater to the needs of users of all sizes, sitting or standing
- The exceptionally long arm enables optimal working conditions for operations of all kind

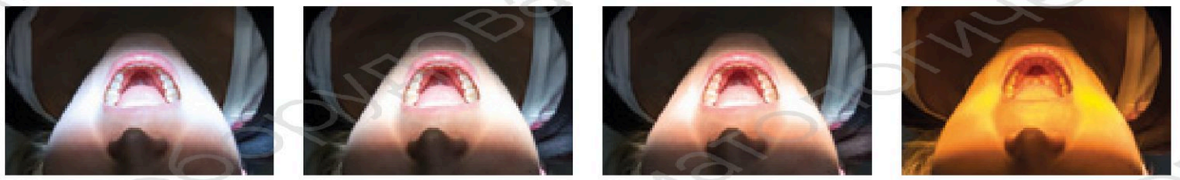
Impeccable infection control

- The detachable handles can be thermo-disinfected and autoclaved
- The seamless one-piece aluminium back cover and dustproof light capsule guarantee optimal infection control

Usability at its finest

- The light can be controlled from its innovative handles or the dental unit's user interface or foot control, or with defined hand movements
- Connectivity to the **Planmeca Romexis®** software provides reliable usage information





Cool | Neutral | Warm | Composite mode



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Planmeca Solanna™ Vision

- ✔ **Built on a powerful platform, allowing you to have great features also in the future**
- ✔ **Seamless Planmeca Romexis® integration**
- ✔ **Sharp images with only a press on the foot control**
- ✔ **Best possible image quality in variable lighting conditions**
- ✔ **Fast image processing enabled by edge computing**
- ✔ **Impeccable infection control as the cameras are sealed behind the front cover**

Planmeca Oy designs and manufactures a full line of industry-leading dental equipment, including 3D and 2D imaging devices, CAD/CAM solutions, dental care units and software. Planmeca Oy, the parent company of the Finnish Planmeca Group, is strongly committed to better care through innovation, and it is the largest privately held company in the field.

Follow us on social media!

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