



OKKIO HDMI camera, 4K, 16mm F8.0, 350/700mm, zoom up to 25x

4K HDMI medical camera with 16 mm lens, 25x zoom for dental, surgical and clinical documentation.

Estimated shipping in 10 days

SKU: FK900D-1680HD

Categories: OKKIO HDMI 4K Medical Cameras

Description

4K medical HDMI camera for dental and surgical applications

The OKKIO HDMI 4K medical camera with 16 mm lens is designed for clinical documentation, patient communication and real-time visualisation in dental and surgical environments. It enables high-definition image and video acquisition, improving treatment understanding and workflow efficiency.

High-definition 4K imaging with Sony sensor

Equipped with a Sony IMX377 sensor, OKKIO delivers ultra-high-definition images up to 4K (3840 × 2160). The zoom system allows magnification up to 25x, enabling precise observation of clinical details and treatment areas.

Flexible mounting and quick installation

The camera can be installed quickly using a magnetic mount on an articulated arm. It is also equipped with a standard 1/4" photographic thread, ensuring compatibility with different mounting systems.

Intuitive use for clinical documentation and communication

OKKIO HDMI is designed for immediate use without requiring advanced technical skills. Images and videos can be easily captured, stored and shared, improving patient communication and professional collaboration.



Real-time visualisation and content sharing

The HDMI output allows direct connection to medical monitors for real-time viewing during procedures. The system is suitable for training, clinical presentations and live streaming.

Clinical archive and workflow optimisation

OKKIO HDMI supports the creation of structured clinical archives with high-quality photo and video content, facilitating documentation, follow-up and case presentation.

Key features

- 4K Ultra HD resolution (3840 × 2160)
- Sony IMX377 sensor
- 16 mm UHD lens
- Zoom up to 25x
- Colour temperature 5700K
- HDMI output
- Magnetic mounting and 1/4" standard thread
- Compatible with articulated arms

Technical specifications

Sensor	Sony IMX377
Resolution	2160p / 1080p / 720p multi frame rates
Dimensions	50 × 50 × 50 mm
Lens	16 mm UHD F8.0 (working distance 350–700 mm)
Focus	Manual
Zoom	2.5x optical, up to 25x digital
Mounting	Articulated arm or 1/4" thread
Connection	HDMI
Power supply	12V DC
Certification	MDR 2017/745 Class I



Learn more about OKKIO system

For more information about OKKIO and its clinical applications:
[visit the dedicated page](#)

Clinical experience

Prof. Angelo Putignano shares his experience using the OKKIO HDMI medical camera: