-edge LINE

light source + camera



1 cmos HD / 3 cmos HD / 3 cmos 4K

Edge line

Compact. High Performance. Reliable.

The evolution of LED technology makes the concept of a hybrid camera system and light source in one product become a reality and a new option for the market. Quality LED light sources have up to a 50,000 hour lifetime. The hybrid concept is now the best opportunity for cost or space sensitive installations. The compact and integrated design also reduces potential functional fails and installation errors.



smart interface



universal fiber cable connection

vivid nuvotech
MEDICAL DIVISION

The future is Vivid.

The color temperature defines the perceived color appearance. The reference value for daylight is 5,777 Kelvin (K). With 6,000 K, Edge LC Plus is within this range.

At 50,000 hours, the service life of the Edge LC Plus is 60 times longer than comparable Xenon light sources (approx. 500 hours). As a result, Edge LC PLus does not require the frequent replacement of expensive lamp modules associated with Xenon light sources. Over its entire lifespan, the costs of Edge LC Plus represent a fraction of the total costs incurred by Xenon lamps. Furthermore, Edge LC Plus consumes approx. one-third of the energy of a comparable Xenon light source. Consequently, economy and ecology go hand in hand.

Intelligent Cooling Management features low volume and minimal heat generation. Low temperature development reduces the need for a fan and thus generates an extremely low noise level (similar to the noise level in a quiet reading room). Less exposure to noise provides a more pleasant working environment and allows greater concentration. The optimized coupling combined with the exclusive use of the visible light spectrum results in a very low temperature development at the light guide.

models

-edge L
Ligth source

-edge LC
Ligth source + camera

-edge LC PLUS
Ligth source + camera + recording



CAMERA DESCRIPTION

Endoscopic micro camera composed by a head digital processing unit, based on the CMOS technology and progressive scanning system with 60 frames per second.

1CMOS

FORMAT	SENSOR	RECORDING	FOCUS RANGE	DIGITAL ZOOM	SIGNAL
1920 X 1080 P	1 CMOS	STAND ALONE USB or MMDR (optional)	6 CM	+ 2 x	2 x SDI | 1 DVI | 1 Y/C

3CMOS

FORMAT	SENSOR	RECORDING	FOCUS RANGE	DIGITAL ZOOM	SIGNAL
1920 X 1080 P	3 CMOS	STAND ALONE USB or MMDR (optional)	8 CM	+ 2 x	2 x SDI | 1 DVI | 1 Y/C

4K ultraHD 2160P

FORMAT	SENSOR	RECORDING	FOCUS RANGE	DIGITAL ZOOM	SIGNAL
3840 X 2160 P	3 CMOS	MMDR FULL HD (optional)	10 CM	+ 4 x	4 x SDI 3G - 4K 1 x HDMI2.0 4K 1 x HDMI HD

vivid nuvotech
MEDICAL DIVISION

The future is Vivid.

www.vividnt.com

PHONE +1 813 613 5878
FAX +1 833 848 4311

448 COMMERCE BLVD
OLDSMAR, FL 34677 | USA

cat_Edge2018_v01