

SNK ULTRA 365

SPOT THE INVISIBLE!



KNOWN ADVANTAGES OF THE SNK 60X, COMBINED WITH NEW POSSIBILITIES

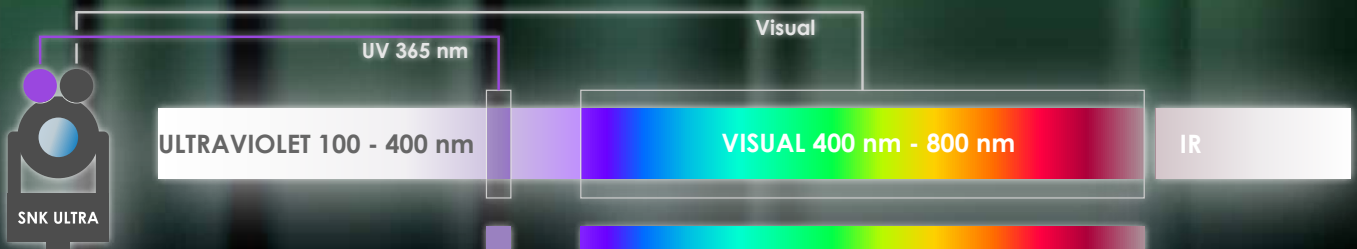
MADE
IN
GERMANY



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- pan-tilt capabilities for all round inspection
- no detail remains hidden: Thanks to 60x zoom and macro function
- illumination: high-performance LED and UV emitter with standard 365 nm
- separately controllable and continuous illumination for optimal balance of white light and UV
- special optical systems unite the visible light and the strength of the UV emitter
- optional battery operation up to 5h
- X/Y position display for comprehensible orientation and documentation
- automatic saving of the camera position: positions can be recalled and automatically driven to
- waterproof up to 50 m
- robust, aramid fiber reinforced cable in lengths up to 150 m
- digital image processing and documentation via Matrix E3
- easy set up and putting into service through plug-and-play

WAVELENGTH RANGE OF THE SNK ULTRA 365



PERFECTION FOR VESSEL INSPECTIONS AND CLEANLINESS TESTING

Our SNK 60x is optimized for the inspection of large cavities and vessels such as tanks. With the SNK Ultra 365 we now set the bar higher than ever! The special UV illumination makes this inspection camera perfect for cleanliness testing with riboflavin and for checking for oil residues. Therefore, the SNK Ultra 365 is the ideal tank camera for visual inspections in the food, pharmaceutical and chemical industry!



Check the cleanliness of your vessels with the SNK Ultra 365! In cleanliness testing, the inside of the vessel is wetted with a fluorescent contrast medium (e. g. riboflavin). Thanks to the standard 365 nm UV emitter of the SNK Ultra, contaminated areas in the vessel become visible. Most oils used in industrial fields are also fluorescent and can therefore be made clearly visible by the SNK Ultra 365. After each cleaning, the testing process is repeated until the SNK Ultra 365 does not detect any more residue.

CAMERA HEAD

Type	1/3" Panasonic CMOS sensor
Resolution	700 horizontal TV lines PAL, active sensor pixels 1920(H) x 1080(V)
Zoom	60x zoom Focal range: 1.6° to 45°
Focal range	Manual and automatic adjustment Macro function 10 mm to ∞
Light sensitivity	Color 0.125 lx BW 0.025 lx
Iris & shutter	1/30.000 to 1/7 sec
Cable length	3 m (9.8 ft.), 30 m (98.4 ft.), 50 m (164 ft.), 80 m (262.4 ft.), optional up to 150 m (492.1 ft.)
Pan and tilt range	Pan range 347° (+/- 173.5°) Tilt range -180° to +60°
Axis speed	0 to 14°/ sec
Illumination	White light LED UV emitter

DIMENSIONS

Weight	2.97 kg
Dimensions in mm / inch	Opening diameter: 164 mm (6.4") Standard: 280 mm (11") total height
Mounting for accessories	Four M6 mounting points
Position feedback	Resolution: 0.1° Accuracy: 1.0°

OPERATING ENVIRONMENT

Temperature	-15°C (5°F) to +55°C (131°F)
Pressure resistance	50 m / 160 ft. depth of water
Inner CO ₂ pressure	Max. 0.7 bar / 10 psi



viZaar industrial imaging AG
Headquarter
Hechinger Straße 152
72461 Albstadt / Germany
Tel.: +49 7432 98375-0
Fax: +49 7432 98375-50
www.vizaar.com
info@vizaar.com

viZaar industrial imaging AG
VT Service | Rental Service | Sales |
Training Center Rhein-Main
Lupusstraße 17
35789 Weilmünster-Wolfenhausen / Germany
Tel.: +49 6475 91129-0
Fax: +49 6475 91129-29



viZaar industrial imaging SA
3 rue Lambert
Parc Lavoisier
91410 Dourdan / France
Tel.: +33 1608 11818
Fax: +33 1645 99573
www.vizaar.fr
info@vizaar.fr