



## KLT-USB1A-OVM6946 V1.0

OmniVision OVM6946 USB Schnittstelle Fixer Fokus 400x400 Half VGA Kameramodul

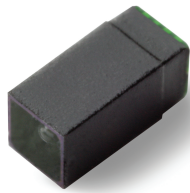


Kameramodul Nr.	KLT-USB1A-OVM6946 V1.0	
<b>Bildsensor</b>	OVM6946	Output Format: MJPG, YVY2
<b>EFL</b>	0.418 mm	Frame Per Second
<b>Pixel</b>	400 x 400	30 FPS at 400 x 400
<b>Blickwinkel</b>	120°	Supporting OS
<b>Linsentyp</b>	1/18 Zoll	Windows 7, 8.1, 10, Vista
<b>Objektivabmessungen</b>	2.00 mm Diameter	Windows XP SP2 under UVC
<b>Modulgröße</b>	3.60 mm Diameter x 19.10 mm	Linux Kernel V2.6.2.1 or later
<b>Modultyp</b>	Fixer Fokus	MAC OS 10.4 or later
<b>Schnittstelle</b>	USB 2.0	Operating Voltage: 5V +/- 5%
<b>IMT-Objektivmodell</b>		Compliant with UVC Version 1.0

Passendes USB-Kabel Teile-Nr. KLT-USB1A-Cable



USB-Kabelverlängerungskabel. Separat erhältlich.



# OVM6946 400x400 product brief



## Compact, Cost-Effective Wafer-Level Camera Module for Single-Use Endoscopes



available in  
a lead-free  
package

OmniVision's OVM6946 is a compact camera module for medical applications such as minimally-invasive endoscopes. The 1/18-inch OVM6946 utilizes OmniVision's market-proven CameraCubeChip™ wafer-level module technology to streamline manufacturing processes and shorten time-to-market, and is the industry's most cost-effective single-chip imaging solution for single-use endoscopes.

Built on OmniVision's OmniBSI+™ pixel architecture, the OVM6946 captures high quality 400 x 400 resolution video at 30 frames per second (fps). The OVM6946

comes in a compact 1.05 mm x 1.05 mm package with a z-height of 2.27 mm, enabling a wide 120-degree field of view with an extended focusing range of 3 mm to infinity. The OVM6946 is well-suited to a wide range of endoscope applications, including medical, veterinarian, and industrial.

Find out more at [www.ovt.com](http://www.ovt.com).



