



SenS 1280

SXGA SWIR camera

- NIT in-house designed InGaAs sensor (**1280x1024pixels @10um pitch**)
- High sensitivity, **RON 27 e-**
- **USB3.0** output, GUI: USB3.0 (WiDyVISION) & SDK C++

Image example



BETTER DETAILS


WiDy SenS 640 SenS 1280

0:05 / 0:17 © New Imaging Technologies (NIT)

Comparison between VGA & SXGA image

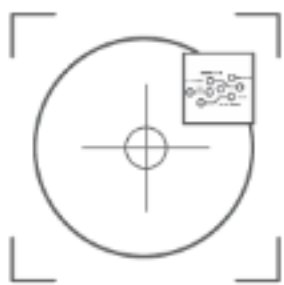
Thanks to new NIT in-house designed sensor – **NSC1901T-SI**, **SenS 1280 SWIR** camera provides a higher resolution image (1280×1024). You can see better details with higher sharpness with no distortion, specially when zooming in.

Overview

Models		Software				
MODEL ▾		SENSOR	RESOLUTION	INTERFACE	FRAME RATE	SOFTWARE
 SenS 1280V-ST		NSC1901T-SI	1280x1024 10µm²	USB 3.0	60 Hz	NITVISION SDK yes
Edit table		>				

Applications

The **SenS 1280** camera is the perfect choice for multiple applications. The pure linear-mode (**High sensitivity** with low noise **28e-**) offers an ability to be used as a beam diagnostic tool. Its **1280 x 1024** pixels resolution offers a better field of view for **inspection of semiconductor or solar cell panel**. Also, SXGA resolution will give you extended possibilities for **Defense & Security** applications with better details and sharpness.



Semiconductor inspection



Security & Surveillance