



Ultra compact Intensified Camera,
NIT Native Wide Dynamic Range Sensor inside,
Intensifier tube (Gen 2), USB 3.0 output, CS/C mount Interface

Direct vision with Native WDR™



Key Features

- **Native WDR™:** Intrinsic Wide Dynamic Range
 - no knee points to setup or multiple exposures
 - 140 dB in a single shot.
- **From starlight to full moon**
- **HD resolution , 1280 *1024 effective pixels,**
10.6 µm square pixels, 18 mm diagonal
- **USB 3.0 output**
- **Binning & Zoom mode**

Applications

- Special operation forces
- Law enforcement
- Covert surveillance
- Border security
- Wild life observation

WiDy Intens is a Wide Dynamic Range, HD resolution, reliable and easy to use Intensified Camera solution for Night Vision (NV) imaging without saturation. The WiDy Intens camera makes use of NSC1105 sensor and delivers a Digital 14 bits USB3.0 signal. It is delivered as a turn-key package including camera, cables and software allowing thus a quick and easy integration in environment.

Technical Specifications

• Sensor:	NSC1105	• Image Intensifier:	XD4
• Resolution:	1280x1024 pixels	• Resolution:	64lp/mm
• Pixel size:	10.6umx10.6um	• Phosphor Screen:	18mm dia.
• Data output :	USB3.0 -14 bits	• Min illumination:	2μLux
• Dynamic Range:	>140dB Logarithmic response	• Dimensions:	46 * 46 * 81 mm
• Lens mount :	CS / C (adaptor)	• Power supply:	5V through USB3.0
• Operating Temp:	-45 °C to + 70 °C	• OS compatibility:	Win XP, Win 7, WIN 8
		• Weight:	200 grams

