

## “Real Life HD” Web Conferencing Digital Microscope



“Real Life HD” technology package for remote web conferencing over readily-accessible common telecommunications applications via the Internet.

Inspectis Real Life digital microscopes requires only a simple connection to Windows or Mac computers. Provides high-quality communication and sharing of detailed magnified digital microscope images with others anywhere in the world using standard webcam based conferencing systems.

Available in two industrial form factors. Highly integrated Plug & Play system with solid stand and built-in illumination or modular system with single-arm boom stand and goose-neck LED matrix light.

- Plug & Play, Driver Free system
- Superior Zoom Optics with Swift Auto-focus and Large Working Distance
- High Magnification Len System, 1.9x to 170x (with +10)
- Easy-to-Access On-board Camera and Lens Controls
- Available in 720p (HD) and 1080p (FHD) Video Qualities
- Compatible with Windows, Mac, Linux and Chrome OS
- Options include ESD-protected Housing and a Built-in Laser Pointer



C12s Real Life HD including Single-arm Boom Stand, LED Matrix Light and USB3.0 converter



*“Efficient, Cost-effective, Ergonomic, Endlessly Versatile!”*

# System Specifications

## System:

<b>HD 720p system (C12, C12s)</b>	
Video Output	HD 720p/60Hz, 720p/50Hz via HDMI Type-A female connector
Imager	1.2 mega pixels 1280(H) x 720(V) 16:9 format progressive scan CMOS image sensor
Lens system	x12 Optical Zoom with Auto Focus and Iris Control
Working distance	240 mm (from lens to object at maximum zoom factor)
Magnification x1-x12 zoom factor	~ 2.2x - ~ 26x on 24" monitor (~ 80x with optional +10 macro lens)
Field of View at x1-x12 zoom factor	~ 232 x 130.5 mm to ~ 20.2 x 11.4 mm (~ 6.5 x 3.7mm with +10 lens )
<b>Full HD 1080p system (F30, F30s)</b>	
Video Output	Full HD 1080/59.94p switchable to Full HD 1080/50p via HDMI Type-A female connector
Imager	3.2M pixels. 1920(H) x 1080(V) 16:9 format progressive scan CMOS image sensor
Lens system	x30 Optical Zoom with Auto Focus and Iris Control
Working distance	228 mm (from lens to object at maximum zoom factor)
Magnification x1-x30 zoom factor	~ 1.9x - ~ 56x on 24" monitor (~ 170x with +10 macro lens)
Field of View at x1-x30 zoom factor	~ 270 x 151.9 mm to ~ 9.3 x 5.2 mm (~ 3.1 x 1.7mm with +10 lens )
<b>All systems</b>	
I/O Ports	HDMI video output, 5P MiniDin Power input, 8P MiniDin for Remote Control
PC connection & OS	Via included USB3.0 converter. Windows, Linux, Mac, Chrome OS compatible
Onboard Control	Zoom, Iris (brightness), Auto Focus on/off, White Balance
Laser pointer (Optional)	Class 1 red LED laser with automatic through-optics alignment
Operating Environment	-5 ° - +40 °C, 20 - 95% RH, non-condensing

## Ordering numbers:

Item name	Order No.
Inspectis C12 Real Life HD Digital Inspection system package for Web Meeting	HD-010-WEB-KIT
Inspectis C12s Real Life HD Digital Inspection system package for Web Meeting	HD-011-WEB-KIT
Inspectis F30 Real Life FHD Digital Inspection system package for Web Meeting	HD-012-WEB-KIT
Inspectis F30s Real Life FHD Digital Inspection system package for Web Meeting	HD-013-WEB-KIT



Real Life HD for web meeting, Integrated C12 package\*



Real Life HD for web, Modular C12s package\*

\* Monitor, mouse and keyboard are illustrative. Not included.



HD 720p

HDMI™  
HIGH DEFINITION MULTIMEDIA INTERFACE



Reseller

**INSPECTIS**

Quality of Inspection

Inspectis Optical Systems  
Stockholm, Sweden

[www.inspect-is.com](http://www.inspect-is.com)  
[info@inspect-is.com](mailto:info@inspect-is.com)