

HDC-3900 Industrial Camera

Full HD 1080P Dual Output

Direct HDMI & USB2.0 Video Output



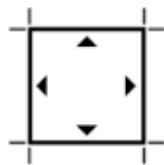
Capture and store image & video into USB Pendrive directly



Operate with mouse



Full HD Video



Crosshairs



Support Pen(USB) Drive for capturing



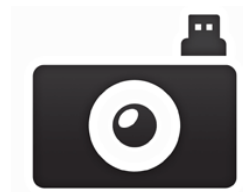
Real time HDR



Records Video



Snap photo



UCV USB Camera



Auto / 1-Push WB

HDC3900 Camera - Full HD 1080P Direct HDMI and USB Output



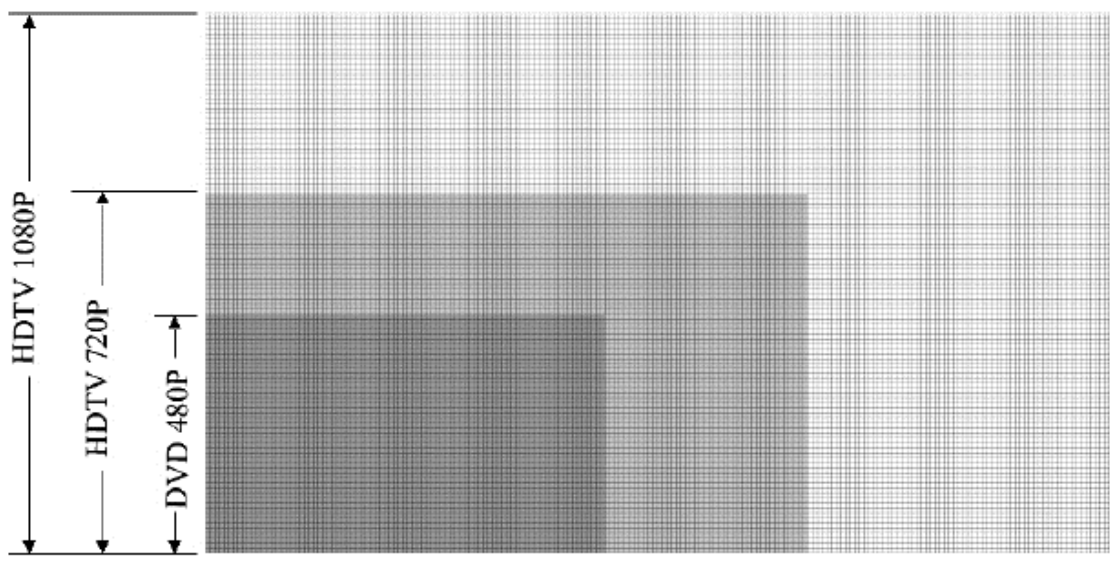
No PC required.
Simple connection & operation
(Camera buttons & remote control)



Advanced real time
HDR technology to
reproduce very
Impressive WDR image

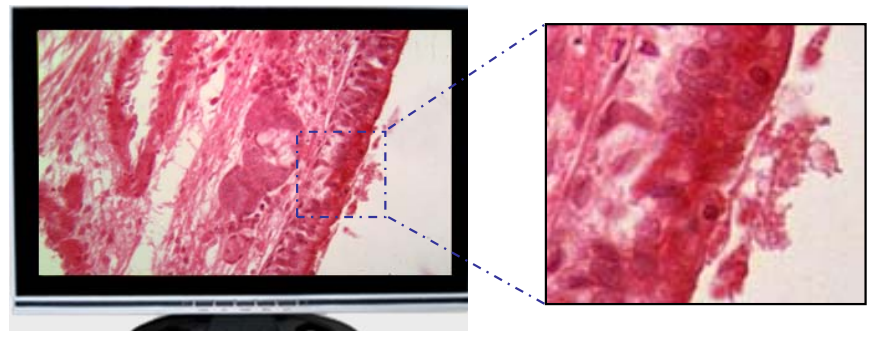
HD-Cam's flicker-free, HDR, clearer & sharper picture reduces eye strain when observing image details, increase productivity and improve inspection accuracy. Full HD 1080p provides stunning video quality, with a level of detail that is way higher than that of traditional standard definition analog camera.

Resolution Comparison of 1080p, 720p, & 480p



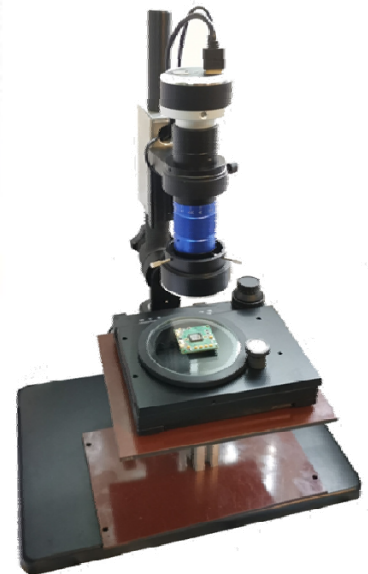
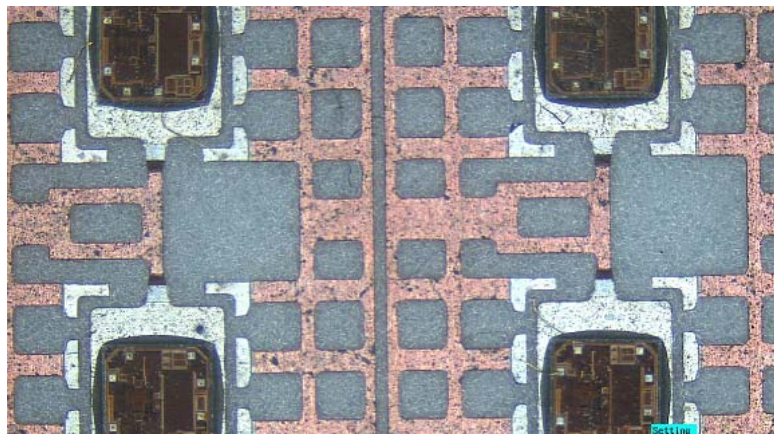
Source: IDC, 2005

Up to **7X** higher resolution than traditional analog camera, providing much sharper & crisp image display, and allow to view more details.



HDC3900 Camera - Full HD 1080P Direct HDMI and USB Output

**Can operate with or without PC.
Easy operation with user friendly
camera GUI and mouse**



(Lens, holder and LCD monitor are not included)

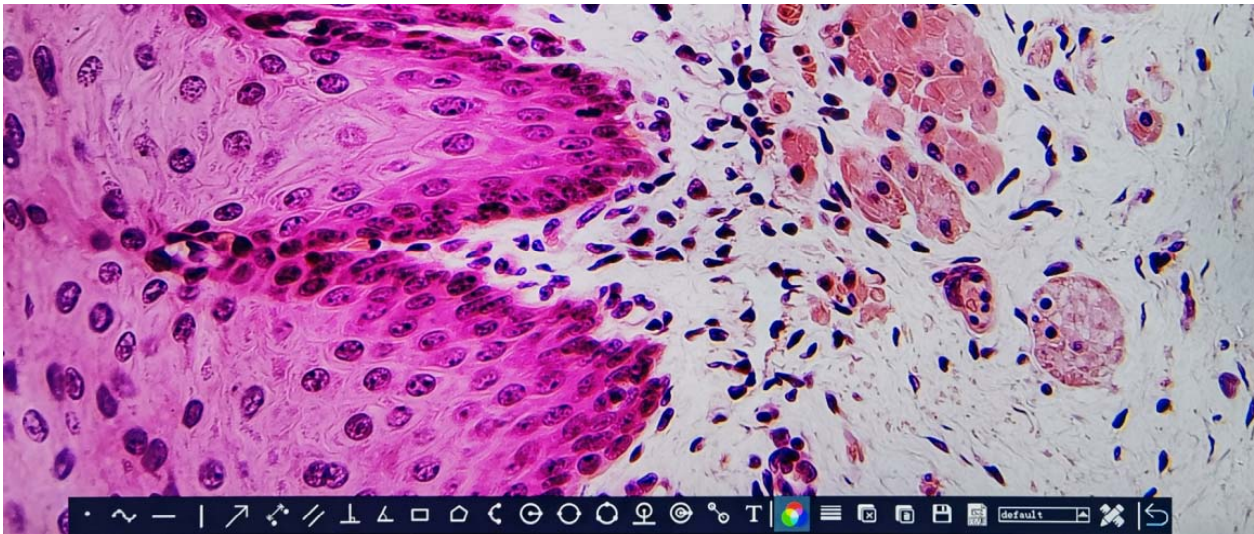
Specifications:




















Image Sensor	Sony Exmor 1/2" IMX385 Color CMOS
Video Output Resolution	Full HD 1920x1080
Capture Resolution	Full HD 1920x1080 (Image) / 1080 Full HD Video (30fps)
Pixel Size	3.75µm x 3.75µm
Imaging Area	7.2mm x 4.05mm
Display Video Frame Rate	60 fps
Lens Mounting	C / CS
White Balance	Auto / 1-Push / Manual (Red & Blue Settings)
Exposure	Auto / Manual
Adjustable Parameters	Brightness, Gamma, Sharpness, Contrast & Saturation
Dimension	Φ60 x 44.5mm
USB Output	UVC USB Video to PC (with VIS-Plus Software)
Noise Reduction	Support digital denoise
User Interface	Camera Buttons and Remote Control
Camera Storage	USB Pen Driver (up to 32G)
Image Recording	Snap Image / Video Recording to SD
Interface	Standard HDMI
Crosshairs / Lines	8 pairs crosshairs / 16 Lines Adjustable individual line's position, color & thickness
Others	Freeze image / Image Comparison / Flip / Invert etc.

Specifications are correct at time of printing. Specifications may change without prior notice.

HDC3900 Camera - Full HD 1080P Direct HDMI and USB Output

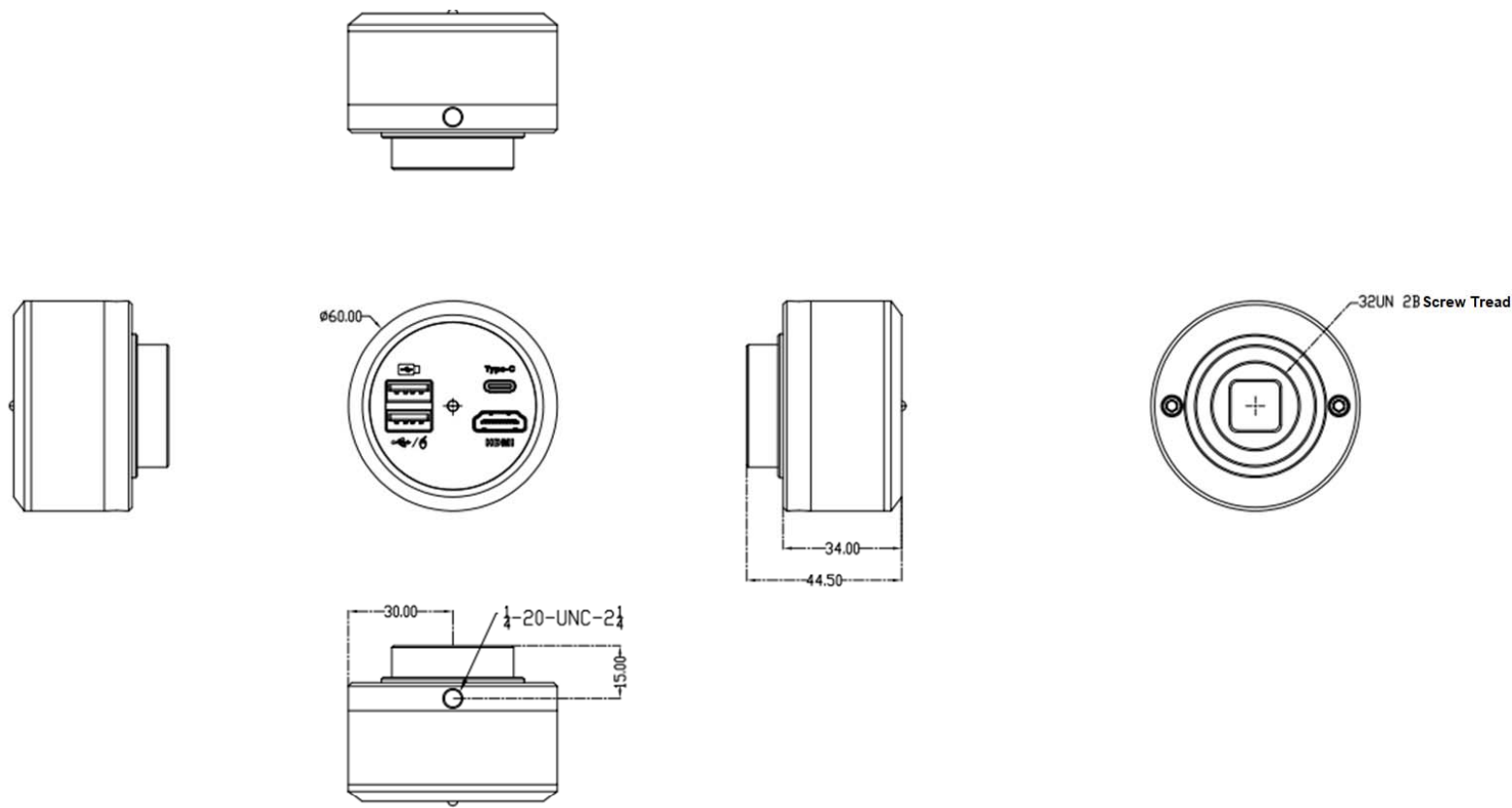
HDC3900 Measurement Functions – Camera built-in measurement Functions operate with mouse (work without PC)



- | | |
|--|---|
|  Marker – draw a mark with point location info |  Polygon – measure area and perimeter of a polygon |
|  Polyline – measure length of the polyline |  Arc – measure radius and length of an arc |
|  Horizontal line – measure length of the line |  Circle 1– measure radius of circle using 2 points |
|  Vertical line – measure length of the line |  Circle 2– measure radius of circle using 2 points |
|  Arrow pointer – draw a pointer |  Circle 3– measure radius of circle using 3 points |
|  Straight line – measure length of the line |  Centroid to line– measure distance of a of circle to a line. |
|  Perpendicular line – measure distance between 2 perpendicular lines |  Circle distance– measure distance of 2 circle edge with a same centroid |
|  Line to Point – measure distance between a line to a point |  Circle distance– measure distance between 2 circle centroid |
|  Angle – measure angle between 2 lines |  Annotation text – enter and draw text |
|  Rectangular – measure area and perimeter of a rectangular | |

HDC3900 Camera - Full HD 1080P Direct HDMI and USB Output

HDC3900 HDMI Camera Dimensions



Type-C Port to connect to PC for USB Video capture in Software

Powered by PC USB port - don't need external power if connected to PC USB port. Camera runs as UVC camera on PC.



Optional VIS Image Analysis & Measurement Software for Microsoft Windows