#### SCIENCE SERVICES

Your Partner for Microscopy and Lab Supplies

# DATA SHEET

Models:

## OPTIKA PRO VIEW, OPTIKA LITE VIEW

#### Type: SOFTWARE

Instructions:

Before proceeding with the SW installation, please check the table below "Software Function list" to identify the most suitable software.

	FU	NCTION	OPTIKA PRO VIEW	OPTIKA LITE VIEW
	Operating system		Windows	Windows / MAC / LINUX
	Simultaneous management of several cameras		X	x
	GUI (Graphical User Interface)		Х	
	Report generator		X	
	Archiving		X	×
		Catalan	x	x
		Chinese (simpl.)	x	x
		Chinese (trad.)	Х	x
	Language	Korean	X	x
RA		English	x	x
ENERA		French	X	x
Ē		German	x	x
U		Indonesian	X	×
		Italian	Х	x
		Japanese	x	x
		Polish	x	x
		Russian	Х	x
		Spanish	X	x
		Thai	Х	X
		Turkish	Х	X

#### SOFTWARE FUNCTION LIST

	FU	NCTION	OPTIKA PRO VIEW	OPTIKA LITE VIEW
	Measurements on "live"		x	Х
	Measurements on "captured"		X	X
		Line	X	X
S		Angle	x	X
Ë		Parallel lines	X	Х
		Rectangle	X	X
REM		Ellipse	X	Х
L R	2D Measurements	Circle	x	X
ASI		Annulus	X	X
ME		Arc	x	X
2		Curve	X	Х
		Polygon	X	X
	Particle count		X	
	Export to Excel		X	X

4083.Wifi and 4083.4 work with Vision Lite only.

**C-E2** work with PROVIEW and LITEVIEW only.

Cameras with HDMI connection only, do not require any software; C-HP works with PROVIEW only, isn't compatible with Linux and MAC OS.

### SOFTWARE FUNCTION LIST

Simultaneous management of several cameras X X   IMAGE acquisition Itf X X   Inage formats jpg X X   inage formats pcs X X   inage formats gav X X   inage formats mpd X X   inage formats Mobile pot for secoure	FUNC	TION	OPTIKA PRO VIEW	OPTIKA LITE VIEW
Intege formats     Iff     X     X       Jpg     X     X       Image formats     png     X     X       pcx     X     X     X       Jp2     X     X     X       IMAGE acquisition     X     X     X       IMAGE acquisition     X     X     X       Mode acquisition     X     X     X       IMAGE acquisition     X     X     X       Mark     X     X     X     X       Mark     X     X     X     X       Mark     X     X     X     X       Mark     K     X     X     X       Continuous automatic exposure	Simultaneous management of severa	Il cameras	X	Х
jpg     X     X       bmp     X     X       prog     X     X       jp2     X     X       dom     X     X       avi     X     X       mov     X     X       mov     X     X       mov     X     X       h284     X     X       mov     X     X       h284     X     X       Manual Exposure     X     X       Continuous automatic exposure     X     X       Colour acquisition     X     X       Grey scale acquisition     X     X       Grey scale acquisition     X     X       Grey scale acquisition     X     X       Grery scale acquisition	IMAGE acquisition			Х
Image formats     Dromotory property (provided property)     X     X       Image formats     prog     X     X       prox     X     X     X       ip2     X     X     X       ip3gp     X     X     X       ip464     X     X     X       ip465     X     X     X       Mobile spot for exposure     X     X     X       Resizable spot for exposure     X     X     X       Color acquisition     X     X     X       Grave scale acquisition     X     X     X       Focus Indicator     X     X     X       White Balance		tiff	x	Х
Image formats     png     X     X       pcx     X     X       jp2     X     X       IMAGE acquisition     X     X       Image formats     Image formats     X       Image formats     X     X       Image for exposure     <		jpg	X	X
Image     Image <t< td=""><td></td><td>bmp</td><td>x</td><td>Х</td></t<>		bmp	x	Х
jp2     X     X       IMAGE acquisition     X     X       IMAGE acquisition     avi     X     X       avi     X     X     X       my     X     X     X       iad     X     X     X       my     X     X     X       mp4     X     X     X       iaf     X     X     X       mov     X     X     X       Continuous automatic exposure     X     X     X       Manual Exposure     X     X     X     X       Continuous automatic exposure     X     X     X     X       Grey-scale acquisition     X     X     X     X       Grey-scale acquisition     X     X     X     X       Grey-scale acquisition     X     X     X     X       Manual Time-Lapse     X     X     X     X       Fast Image Acquisition     X     X     X     X <td< td=""><td>Image formats</td><td>png</td><td>x</td><td>Х</td></td<>	Image formats	png	x	Х
IMAGE acquisition     A     X       IMAGE acquisition     avi     X     X       avi     X     X     X       umn     X     X     X       umn     X     X     X       mp4     X     X     X       umn     X     X     X       asf     X     X     X       asf     X     X     X       asf     X     X     X       mov     X     X     X       h265     X     X     X       Manual Exposure     X     X     X       Manual Exposure     X     X     X       Resizable spot for exposure     X     X     X       Colour acquisition     X     X     X     X       Gray-scale acquisition     X     X     X     X       Fast Image Acquisition     X     X     X     X       Focus Indicator     X     X     X     X		рсх	X	Х
IMAGE acquisition X X   avi X X   wmv X X   wmv X X   wmv X X   asf X X   3gp X X   h264 X X   mov X X   h264 X X   continuous automatic exposure X X   Manual Exposure X X   Manual Exposure X X   Manual Exposure X X   Manual Exposure X X   Continuous automatic exposure X X   Continuous automatic exposure X X   Grey-scale acquisition X X   Grey-scale acquisition X X   Automatic Time-Lapse X X   Fast Image Acquisition X X   Focus Indicator X X   White Balance X X   Back plance X X   Back plance X X   Image Enhancement X X   Live Histogram X X   Yertical X X   Stift Co		jp2	x	Х
Avi     X     X       wmv     X     X       mp4     X     X       mp4     X     X       mov     X     X       3gp     X     X       mov     X     X       Move     X     X       mov     X     X       Move     X     X       Move     X     X       Mouse automatic exposure     X     X       Manual Exposure     X     X       Mobile spot for exposure     X     X       Colour acquisition     X     X       Grey-scale acquisition     X     X       Grey-scale acquisition     X     X       Feat Image Acquisition     X     X       Focus Indicator     X     X       White Balance     X     X       Back Jalance     X     X       Back Jalance     X     X       Image Enhancement     X     X       Live Histogram     X		dcm	x	Х
WIDEO formats     mmv     X     X       mp4     X     X       asf     X     X       33p     X     X       mov     X     X       mov     X     X       h264     X     X       h265     X     X       Continuous automatic exposure     X     X       Maual Exposure     X     X       Resizable spot for exposure     X     X       Colour acquisition     X     X       Resizable spot for exposure     X     X       Colour acquisition     X     X       Grey-scale acquisition     X     X       Automatic Time-Lapse     X     X       Automatic Time-Lapse     X     X       Focus Indicator     X     X       White Balance     X     X       Back balance     X     X       Image Enhancement     X     X       Live Histogram     X     X       Keigo Urticol     Vertical	IMAGE acquisition		x	Х
mp4     X     X       asf     X     X       3gp     X     X       mov     X     X       h264     X     X       h265     X     X       Manual Exposure     X     X       Mobile spot for exposure     X     X       Mobile spot for exposure     X     X       Colour acquisition     X     X       Grey-scale acquisition     X     X       Manual Time-Lapse     X     X       Fast Image Acquisition     X     X       Fast Image Acquisition     X     X       Fast Image Acquisition     X     X       Stablance     X     X       Black balance     X     X       Black balance     X     X       Image Enhancement     X     X       Live Histogram     X     X       Flip     Horizontal     X       Vertical     X     X       Several function of image processing (filters)     X		avi	x	Х
VIDEO formats     asf     X     X       3gp     X     X       mov     X     X       h264     X     X       h265     X     X       Manual Exposure     X     X       Manual Exposure     X     X       Manual Exposure     X     X       Mobile spot for exposure     X     X       Resizable spot for exposure     X     X       Colour acquisition     X     X       Manual Time-Lapse     X     X       Automatic Time-Lapse     X     X       Fast Image Acquisition     X     X       Fast Image Acquisition     X     X       Focus Indicator     X     X       White Balance     X     X       Background correction     X     X       Image Enhancement     X     X       Image Enhancement     X     X       Flip     Vertical     X       Several function of image processing (filters)     X     X		wmv	x	х
VIDEO formats     3gp     X     X       mov     X     X       h264     X     X       h265     X     X       Continuous automatic exposure     X     X       Manual Exposure     X     X       Manual Exposure     X     X       Manual Exposure     X     X       Resizable spot for exposure     X     X       Resizable spot for exposure     X     X       Colour acquisition     X     X       Grey-scale acquisition     X     X       Automatic Time-Lapse     X     X       Automatic Time-Lapse     X     X       Fast Image Acquisition     X     X       Focus Indicator     X     X       White Balance     X     X       Background correction     X     X       Dark Field Correction     X     X       Image Enhancement     X     X       Live Histogram     X     X       Rotate     X     X		mp4	X	Х
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h264XXh265XXContinuous automatic exposureXXManual ExposureXXMobile spot for exposureXXMobile spot for exposureXXResizable spot for exposureXXColour acquisitionXXGrey-scale acquisitionXXManual Time-LapseXXAutomatic Time-LapseXXFast Image AcquisitionXXFocis IndicatorXXWhite BalanceXXBack ground correctionXXDark Field CorrectionXXImage EnhancementXXLive HistogramXXFlipHorizontalXFlipHorizontalXSeveral function of Image processing (filters)XMutiple image combiningXXEDF (Extended Depth of Focus)XXColour Combine (Multi-Fluorescence Imaging)XShift CorrectionXXHDR (High Dynamic Range)XXLayer ManagementXXLayer ManagementXXLive Hist GrandXXFlipKXFuel CorrectionXXFuel CorrectionXXFlipHOR (High Dynamic Range)XLive Hist GrandXXColour Combine (Multi-Fluorescence Imaging)XShift CorrectionX </td <td>VIDEO formats</td> <td>3gp</td> <td>x</td> <td>Х</td>	VIDEO formats	3gp	x	Х
h265     X     X       Continuous automatic exposure     X     X       Manual Exposure     X     X       Mobile spot for exposure     X     X       Resizable spot for exposure     X     X       Resizable spot for exposure     X     X       Colour acquisition     X     X       Grey-scale acquisition     X     X       Manual Time-Lapse     X     X       Automatic Time-Lapse     X     X       Fast Image Acquisition     X     X       Fast Image Acquisition     X     X       Focus Indicator     X     X       White Balance     X     X       Background correction     X     X       Dark Field Correction     X     X       Image Enhancement     X     X       Live Histogram     X     X       Flip     Horizontal     X       Vertical     X     X       Multiple image combining     X     X       EDF (Extended Depth of Focus)     X		mov	X	Х
Continuous automatic exposureXXManual ExposureXXManual ExposureXXMobile spot for exposureXXResizable spot for exposureXXResizable spot for exposureXXColour acquisitionXXGrey-scale acquisitionXXManual Time-LapseXXAutomatic Time-LapseXXFast Image AcquisitionXXFast Image AcquisitionXXFast Image AcquisitionXXFast Image AcquisitionXXFast Image AcquisitionXXBack balanceXXBlack balanceXXBack ground correctionXXImage EnhancementXXLive HistogramXXFlipHorizontalXSeveral function of image processing (filters)XMultiple image combiningXXEDF (Extended Depth of Focus)XXColour Combine (Multi-Fluorescence Imaging)XXShift CorrectionXXHDR (High Dynamic Range)XXLayer ManagementXXLayer ManagementXXLayer ManagementXXLayer ManagementXXLayer ManagementXXLayer ManagementXXLayer ManagementXXLayer ManagementXX </td <td></td> <td>h264</td> <td>x</td> <td>Х</td>		h264	x	Х
Manual Exposure X X   Mobile spot for exposure X X   Resizable spot for exposure X X   Colour acquisition X X   Colour acquisition X X   Grey-scale acquisition X X   Manual Time-Lapse X X   Automatic Time-Lapse X X   Fast Image Acquisition X X   Focis Indicator X X   White Balance X X   Background correction X X   Dark Field Correction X X   Image Enhancement X X   Live Histogram X X   Filp Horizontal X   Vertical X X   Rotate X X   Several function of image processing (filters) X   Multiple image combining X X   EDF (Extended Depth of Focus) X X   Colour Combine (Multi-Fluorescence Imaging) X X   Shift Correction X X   Horizontal X X   EDF (Extended Depth of Focus) X X   Colour Combine (Multi-Fluorescence Imaging) X </td <td></td> <td>h265</td> <td>x</td> <td>Х</td>		h265	x	Х
Mobile spot for exposure X X   Resizable spot for exposure X X   Resizable spot for exposure X X   Colour acquisition X X   Grey-scale acquisition X X   Manual Time-Lapse X X   Automatic Time-Lapse X X   Fast Image Acquisition X X   Fast Image Acquisition X X   Focus Indicator X X   White Balance X X   Background correction X X   Dark Field Correction X X   Image Enhancement X X   Live Histogram X X   Flip Horizontal X   Flip Vertical X   Several function of image processing (filters) X   Multiple image combining X X   EDF (Extended Depth of Focus) X X   Colour Combine (Multi-Fluorescence Imaging) X X   Shift Correction X X   HDR (High Dynamic Range) X X   Layer Management X X	Continuous automatic exposure		x	Х
Resizable spot for exposure X X   Colour acquisition X X   Colour acquisition X X   Grey-scale acquisition X X   Manual Time-Lapse X X   Automatic Time-Lapse X X   Fast Image Acquisition X X   Fast Image Acquisition X X   Focus Indicator X X   White Balance X X   Back pround correction X X   Back ground correction X X   Dark Field Correction X X   Image Enhancement X X   Live Histogram X X   Flip Horizontal X   Flip Vertical X   Rotate X X   Several function of image processing (filters) X   Multiple image combining X X   EDF (Extended Depth of Focus) X X   Colour Combine (Multi-Fluorescence Imaging) X X   Shift Correction X Layer Management X   HDR (High Dynamic Range) X X   Layer Management X X	Manual Exposure		x	Х
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Grey-scale acquisitionXXManual Time-LapseXXAutomatic Time-LapseXXAutomatic Time-LapseXXFast Image AcquisitionXXFocus IndicatorXXWhite BalanceXXBlack balanceXXBackground correctionXXDark Field CorrectionXXImage EnhancementXXLive HistogramXXFlipHorizontalXSeveral function of image processing (filters)XMultiple image combiningXXEDF (Extended Depth of Focus)XXColour Combine (Multi-Fluorescence Imaging)XXShift CorrectionXXHDR (High Dynamic Range)XXLayer ManagementXXText OverlayXX	Resizable spot for exposure		x	Х
Manual Time-Lapse   X   X     Automatic Time-Lapse   X   X     Fast Image Acquisition   X   X     Fast Image Acquisition   X   X     Focus Indicator   X   X     White Balance   X   X     Black balance   X   X     Black balance   X   X     Back balance   X   X     Dark Flield Correction   X   X     Image Enhancement   X   X     Live Histogram   X   X     Flip   Horizontal   X   X     Flip   Vertical   X   X     Rotate   X   X   X <td>Colour acquisition</td> <td></td> <td>X</td> <td>Х</td>	Colour acquisition		X	Х
Automatic Time-Lapse   X   X     Fast Image Acquisition   X   X     Focus Indicator   X   X     White Balance   X   X     Black balance   X   X     Black balance   X   X     Black balance   X   X     Back balance   X   X     Image Enhancement   X   X     Live Histogram   X   X     Flip   Horizontal   X   X     Flip   Horizontal   X   X     Rotate   X   X   X     Several function of image processing (filters)   X	Grey-scale acquisition		x	Х
Fast Image AcquisitionXXFocus IndicatorXXWhite BalanceXXBlack balanceXXBackground correctionXXDark Field CorrectionXXImage EnhancementXXLive HistogramXXFlipHorizontalXXFlipVerticalXXRotateXXXEnter Component of Image processing (filters)XXMultiple image combiningXXXEDF (Extended Depth of Focus)XXXColour Combine (Multi-Fluorescence Imaging)XXXShift CorrectionXXXHDR (High Dynamic Range)XXXLayer ManagementXXXText OverlayXXX			x	Х
Focus IndicatorXWhite BalanceXXBlack balanceXXBackground correctionXXDark Field CorrectionXXImage EnhancementXXLive HistogramXXFlipHorizontalXXRotateXXSeveral function of image processing (filters)XXMultiple image combiningXXEDF (Extended Depth of Focus)XXColour Combine (Multi-Fluorescerce Imaging)XXShift CorrectionXXHDR (High Dynamic Range)XXLayer ManagementXXText OverlayXX	Automatic Time-Lapse		x	X
White BalanceXXBlack balanceXXBackground correctionXXDark Field CorrectionXXImage EnhancementXXLive HistogramXXFlipHorizontalXVerticalXXRotateXXSeveral function of image processing (filters)OPTIKA PRO VIEWOPTIKA LITE VIEWSeveral function of image processing (filters)XXMultiple image combiningXXXEDF (Extended Depth of Focus)XXXColour Combine (Multi-Fluorescence Imaging)XXXShift CorrectionXXXHDR (High Dynamic Range)XXXLayer ManagementXXXText OverlayXXX	Fast Image Acquisition		х	Х
Black balance   X     Background correction   X     Dark Field Correction   X     Image Enhancement   X     Live Histogram   X     Flip   Horizontal     Vertical   X     Rotate   X     Everal function of image processing (filters)   X     Multiple image combining   X     EDF (Extended Depth of Focus)   X     Colour Combine (Multi-Fluorescerce Imaging)   X     Shift Correction   X     HDR (High Dynamic Range)   X     Layer Management   X     Text Overlay   X	Focus Indicator	Focus Indicator		
Background correctionXDark Field CorrectionXXImage EnhancementXXLive HistogramXXFlipHorizontalXXFlipHorizontalXXRotateXXXSeveral function of image processing (filters)XXMultiple image combiningXXXEDF (Extended Depth of Focus)XXXColour Combine (Multi-Fluorescuce Imaging)XXXShift CorrectionXXXHDR (High Dynamic Range)XXXLayer ManagementXXXText OverlayXXX	White Balance		x	Х
Dark Field CorrectionXXImage EnhancementXXLive HistogramXXFlipHorizontalXYerticalXXRotateXXVerticalXSeveral function of image processing (filters)OPTIKA PRO VIEWOPTIKA LITE VIEWMultiple image combiningXXEDF (Extended Depth of Focus)XXColour Combine (Multi-Fluorescence Imaging)XXShift CorrectionXXHDR (High Dynamic Range)XXLayer ManagementXXText OverlayXX	Black balance		x	
Image Enhancement   X   X     Live Histogram   X   X     Flip   Horizontal   X   X     Flip   Vertical   X   X     Rotate   X   X   X     Several function of image processing (filters)   OPTIKA PRO VIEW   OPTIKA LITE VIEW     Multiple image combining   X   X   X     EDF (Extended Depth of Focus)   X   X   X     Colour Combine (Multi-Fluorescence Imaging)   X   X   X     Shift Correction   X   X   X     HDR (High Dynamic Range)   X   X   X     Layer Management   X   X   X     Text Overlay   X   X   X	Background correction		х	
Live HistogramXXFlipHorizontalXXVerticalXXRotateXXFUNCTIONOPTIKA PRO VIEWOPTIKA LITE VIEWSeveral function of image processing (filters)XXMultiple image combiningXXXEDF (Extended Depth of Focus)XXXColour Combine (Multi-Fluorescence Imaging)XXXShift CorrectionXXXHDR (High Dynamic Range)XXXLayer ManagementXXXText OverlayXXX	Dark Field Correction		x	Х
HorizontalXXNetticalXXRotateXXFUNCTIONOPTIKA PRO VIEWOPTIKA LITE VIEWSeveral function of image processing (filters)XXMultiple image combiningXXEDF (Extended Depth of Focus)XXColour Combine (Multi-Fluorescence Imaging)XXShift CorrectionXXHDR (High Dynamic Range)XXLayer ManagementXXText OverlayXX	Image Enhancement		x	Х
Flip   Vertical   X     Rotate   X     FUNCTION   OPTIKA PRO VIEW   OPTIKA LITE VIEW     Several function of image processing (filters)   X   X     Multiple image combining   X   X   X     EDF (Extended Depth of Focus)   X   X   X     Colour Combine (Multi-Fluorescence Imaging)   X   X   X     Shift Correction   X   X   X     HDR (High Dynamic Range)   X   X   X     Layer Management   X   X   X     Text Overlay   X   X   X	Live Histogram		х	Х
Vertical   X   X     Rotate   X   X     FUNCTION   OPTIKA PRO VIEW   OPTIKA LITE VIEW     Several function of image processing (filters)   X   OPTIKA LITE VIEW     Multiple image combining   X   X     EDF (Extended Depth of Focus)   X   X     Colour Combine (Multi-Fluorescence Imaging)   X   X     Shift Correction   X   A     HDR (High Dynamic Range)   X   X     Layer Management   X   X     Text Overlay   X   X	Flip	Horizontal	х	Х
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Several function of image processing (filters)XMultiple image combiningXXEDF (Extended Depth of Focus)XXColour Combine (Multi-Fluorescence Imaging)XXShift CorrectionXHDR (High Dynamic Range)XXLayer ManagementXXText OverlayXX	Rotate		X	
Several function of image processing (filters)XMultiple image combiningXXEDF (Extended Depth of Focus)XXColour Combine (Multi-Fluorescence Imaging)XXShift CorrectionXHDR (High Dynamic Range)XXLayer ManagementXXText OverlayXX	FUNCTION			
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Colour Combine (Multi-Fluorescence Imaging)XShift CorrectionXHDR (High Dynamic Range)XLayer ManagementXText OverlayX				
Shift CorrectionXHDR (High Dynamic Range)XLayer ManagementXText OverlayX				
HDR (High Dynamic Range)XLayer ManagementXText OverlayX				
Layer ManagementXText OverlayX				
Text Overlay X X				X
				-
				-

Measurement Overlay

Grids

**4083.Wifi** and **4083.4** work with Vision Lite only. **C-E2** work with PROVIEW and LITEVIEW only. Cameras with HDMI connection only, do not require any software; **C-HP** works with PROVIEW only, isn't compatible with Linux and MAC OS.

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