

VID.25.N745 High Resolution Industry Video Microscope



VID.25.N745
Main Body



VID.25.N745C
Main Body+Coaxial Kits



VID.25.N745C-PL
Main Body+Coaxial &



VID.25.N745-NP3
Main Body+Triple



VID.25.N745C-NP3
Main Body+Coaxial

Polarizing Kits

Nosepiece

Kits+Nosepiece



Standard thread can connect M26 APO Objective

Key Features:

- **Parallel light path optical system**
- zoom body magnification 0.7X~4.5X, ratio 1:6.4
- High parfocal, lighting uniformity, high resolution
- Support a variety of professional light source
- CCD Adapter(Optional): 0.3X,0.5X,0.75X,1.5X,2X,3X

- Auxiliary objectives(Optional):0.3X,0.5X ,0.6X,1.5X,2X
- High magnification infinity Plan achromatic objective :5X,10X ,20X,40X,50x ,60X,80X,100X
- High magnification infinity Plan apochromatic objective:2x ,5X,10X ,20X,50X
- Standard configuration: Main zoom body + 1X objective + 1X CCD Adapter
- It is suitable to build different industry inspection systems

Main Body Features:

VID.25.N745 Basic Main body Specification	
Zoom range	0.7X-4.5X
Zoom Ratio	1:6.4
Zoom Body Diameter	Body Diameter for matching focusing mount: 45mm
Standard Working Distance	86mm(1X objective in Standard set)
CCD Adapter	1x CCD adapter in standard Set

Order Guide

Order No.	Specification
VID.25.N745	Basic Main Body (with 1X Fine Focusing, C-mount and 1x Objective)
VID.25.N745D	Basic Main Body with Clip Stop Function
VID.25.N745C	Basic Main Body(VID.25.N745)+Coaxial light Kits(VID.25.N745-CK)
VID.25.N745-NP3	Main Body+Triple Nosepiece (NOT include Objective , which is optional according to customer requirements)
VID.25.N745-NP3	Basic Main Body(VID.25.N745)+Coaxial light Kits(VID.25.N745-CK)+ Triple Nosepiece
VID.25.N745C-D10F	Basic Main Body(VID.25.N745)+Coaxial light Kits(VID.25.N745-CK)+Big base stand with C/F Focusing

Optic Parameters:

Auxiliary lens(use for 1X)		CCD Adapter						
		0.3X	0.5X	0.75x	1X(standard)	1.5X	2.0X	3X
Standard 1.0X /WD:86(mm)	Mag.	0.21X~1.35X	0.35X~2.25X	0.5X~3.3X	0.7X~4.5X	1X~6.7X	1.4X~9.0X	2.1X~13.5X
	FOV(mm)	22X17~3.5X2.6	13X10~2X1.6	9.6X7.2~1.4X1	6.8X5~1X0.8	4.8X3.6~0.7X0.5	3.4X2.5~0.5X0.4	2.2X1.7~0.35X0.26
0.3X /WD:270(mm)	Mag.	0.06X~0.4X	0.1X~0.67X	0.15X~1X	0.21X~1.35X	0.3X~2X	0.42X~2.7X	0.63X~4X
	FOV(mm)	80x60~12X9	48X36~7X5.3	32X24~4.8X3.6	22X17~3.5X2.6	16X12~2.4X1.3	11X8.5~1.7X1.3	7.6X5.7~1.2X0.9
0.5X/ WD:160(mm)	Mag.	0.1X~0.67X	0.17X~1.1X	0.26X~1.68X	0.35X~2.25X	0.52X~3.3X	0.7X~4.5X	1X~6.7X
	FOV(mm)	48X36~7X5.3	28X21~4.3X3.2	18X13.8~2.8X2	13X10~2X1.6	9X6.9~1.4X1	6.8X5~1X0.8	4.8X3.6~0.7X0.5
0.6X /WD:130(mm)	Mag.	0.12X~0.8X	0.21X~1.35X	0.3X~2X	0.42X~2.7X	0.63X~4X	0.8X~5.4X	1.26X~8X
	FOV(mm)	40X30~6 X4.5	22X17~3.5X2.6	16X12~2.4X1.3	11X8.5~1.7X1.3	7.6X5.7~1.2X0.9	6X4.5~0.8X0.6	3.8X2.8~0.6X0.4
1.5X /WD:50(mm)	Mag.	0.3X~2X	0.52X~3.3X	0.78X~5X	1X~6.7X	1.6X~10X	0.21X~1.35X	3X~20X
	FOV(mm)	16X12~2.4X1.3	9X6.9~1.4X1	6X4.6~0.96X0.7	4.8X3.6~0.7X0.5	3X2.2~0.48X0.36	22X17~3.5X2.6	1.6X1.2~0.24X0.18
2.0X/ WD:39(mm)	Mag.	0.42X~2.7X	0.7X~4.5X	1X~6.7X	1.4X~9.0X	0.21X~1.35X	2.8X~18X	4.2X~27X
	FOV(mm)	11X8.5~1.7X1.3	6.8X5~1X0.8	4.8X3.6~0.7X0.5	3.4X2.5~0.5X0.4	22X17~3.5X2.6	1.7X1.2~0.26X0.2	1.1X0.8~0.17X0.13
Zoom range : 0.7X~4.5X								
FOV is based on 1/3 Sensor CCD camera								

Optional Accessories:

Name of Parts	Spec.	Order No.
Objectives	0.3x WD=270mm	OBJ.25.N745-0.3X
	0.5x WD=160mm	OBJ.25.N745-0.5X
	0.6x WD=130mm	OBJ.25.N745-0.6X
	1x WD=86mm	OBJ.25.N745-1X
	1.5x WD=50mm	OBJ.25.N745-1.5X
	2x WD=39mm	OBJ.25.N745-2X
Long Working Distance High Resolution Infinity Plan Metallurgical Objective (thread M20.3, When install metallurgical objective, need to add a transfer adapter)	PLL5X WD=26.1mm	
	PLL10X WD=5mm	
	PLL20X WD=8.8mm	
	PLL40X WD=3.98mm	
	PLL50X WD=3.68mm	
	PLL60X WD=3.18mm	
	PLL80X WD=.25mm	
	PLL100X WD=0.4mm	
High Resolution infinity PL Apo-Achromatic	APO 2X	
	APO 5X	
	APO 10X	
	APO 20X	
	APO 50X	
CCD Adapter	0.3x	ADA.25.N745-03
	0.4x	ADA.25.N745-C04
	0.5x	ADA.25.N745-C05
	0.75x	ADA.25.N745-C075

	1.0x	ADA.25.N745-C1X
	2.0x	ADA.25.N745-C2X
	3.0x	ADA.25.N745-C3X
Special LED Ring Light	3W LED Ring Light only for Video Microscope --3W, Brightness Adjustable --Dia: 25mm for mounting on video scope --46pcs LED numbers	LGT.05.R25
	This LED Ring Light only for Video Microscope --4.5W, Brightness Adjustable --Dia: 50mm for mounting on video scope --96pcs LED numbers	LGT.18.96T
Coaxial Kits	This Coaxial Kit is attachable to VID.25.N745	VID.25.N745-CK
LED Spot Light	3W High Brightness LED Spot Light , Brightness Adjustable, Inserting Diameter: 11mm, (if you need special diameter, please specify when order)	LGT.05.L3W
Polarizing Kits	only be used when you choose coaxial kits	LGT.25.N745-PL
Objetive Fine Focusing Adapter	This Adapter can make objective fine focus adjustment	ADA.25.N745-FA
DIC Kits	DIC Slider	FCA.25.N745-DIC
Recommended Stand and Focusing Mount	Big Base Stand with F11 Coarse Focusing Mount	STD.05.D10-F11
	Big Base Stand with F10 Fine & Coarse Focusing Mount	STD.05.D10-F10
	Focusing Mount: Dia 45mm for holder, Dia 25 for Pole	STD.05.F11
	Coaxial Coarse and Fine Focusing Mount: Dia 45mm for holder, Dia 25 for Pole	STD.05.F10
Other Stands	Please click here for different stand. Note: when order stand, please clarify if for video scope	
Other Light source	Please click here for different Light source	
Other Light source	Please click here for different Light source	
VGA Cameras	Please click here for different VGA Cameras	
AV Cameras	Please click here for different AV Cameras	
USB CMOS Cameras	Please click here for different USB CMOS Cameras	
USB CCD Cameras	Please click here for different USB CCD Cameras	
PAD Cameras	Please click here for different PAD Cameras	

