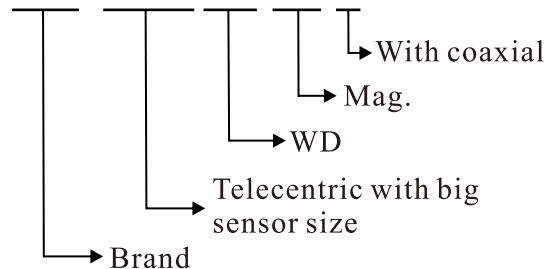


Products Features

- ▶ Large FOV with low magnification.
- ▶ Big working distance easy for illuminations and object allocation design.
- ▶ High resolution, low distortion, high telecentricity.
- ▶ Support up to 1.1" 12MP class high-speed camera.

Model Description

SBS-YXDXXX-XX-I



Parameter

Item No.	Mag. (x)	WD (mm)	Size size (Φmm)	Image F/#	Image MTF30 (lp/mm)	Object DoF (mm)	Image distortion (% max)	Telecentric degree (°max)	Length (mm)	Mount	Coaxial structure
SBS-YXD110-0.3	0.3	110±2	11.0(2/3")	5.6	>170	±2.5@F5.6	<0.02	<0.04	118	C	N
SBS-YXD110-0.3-I	0.3	110±2	11.0(2/3")	5.6	>170	±2.5@F5.6	<0.02	<0.04	118.0	C	Y
SBS-YXD110-0.4	0.4	110±2	11.0(2/3")	7	>140	±1.8@F7	<0.02	<0.03	140.2	C	N
SBS-YXD110-0.4-I	0.4	110±2	11.0(2/3")	7	>140	±1.8@F7	<0.02	<0.03	140.2	C	Y
SBS-YXD110-0.5	0.5	110±2	11.0(2/3")	7	>140	±1.1@F7	<0.03	<0.03	127.3	C	N
SBS-YXD110-0.5-I	0.5	110±2	11.0(2/3")	7	>140	±1.1@F7	<0.03	<0.03	127.3	C	Y
SBS-YXD110-0.8	0.8	110±2	18.0(1.1")	7.9	>85	±0.5@F7.9	<0.1	<0.1	122.7	C	N
SBS-YXD110-0.8-I	0.8	110±2	18.0(1.1")	7.9	>85	±0.5@F7.9	<0.1	<0.1	122.7	C	Y
SBS-YXD110-1	1	110±2	18.0(1.1")	7	>105	±0.3@F7	<0.13	<0.18	133.3	C	N
SBS-YXD110-1-I	1	110±2	18.0(1.1")	7	>105	±0.3@F7	<0.13	<0.18	133.3	C	Y
SBS-YXD110-1.5	1.5	110±2	18.0(1.1")	10	>78	±0.18@F10	<0.1	<0.1	128.8	C	N
SBS-YXD110-1.5-I	1.5	110±2	18.0(1.1")	10	>78	±0.18@F10	<0.1	<0.1	128.8	C	Y
SBS-YXD110-2	2	110±2	18.0(1.1")	13.5	>60	±0.14@F13.5	<0.1	<0.1	133.2	C	N
SBS-YXD110-2-I	2	110±2	18.0(1.1")	13.5	>60	±0.14@F13.5	<0.1	<0.1	133.2	C	Y
SBS-YXD110-3	3	110±2	18.0(1.1")	20.1	>40	±0.09@F20.1	<0.1	<0.1	161.8	C	N
SBS-YXD110-3-I	3	110±2	18.0(1.1")	20.1	>40	±0.09@F20.1	<0.1	<0.1	166.1	C	Y

Parameter

Item No.	Mag. (x)	WD (mm)	Size size (Φmm)	Image F/#	Image MTF30 (lp/mm)	Object DoF (mm)	Image distortion (% max)	Telecentric degree (°max)	Length (mm)	Mount	Coaxial structure
SBS-YXDX220-0.22	0.22	220±3	18.0(1.1")	8	>110	±6.6@F8	<0.1	<0.15	232.9	C	N
SBS-YXDX220-0.23	0.23	220±3	18.0(1.1")	8	>110	±6.0@F8	<0.1	<0.18	233	C	N
SBS-YXDX220-0.246	0.246	220±3	18.0(1.1")	8	>100	±5.3@F8	<0.1	<0.13	232.9	C	N
SBS-YXDX220-0.275	0.275	220±3	18.0(1.1")	8	>105	±4.2@F8	<0.1	<0.15	242.9	C	N
SBS-YXDX220-0.345	0.345	220±3	18.0(1.1")	8	>115	±2.7@F8	<0.1	<0.1	212.2	C	N
SBS-YXDX220-0.367	0.367	220±3	18.0(1.1")	8	>115	±2.4@F8	<0.1	<0.1	213.1	C	N
SBS-YXDX220-0.46	0.46	220±3	16.0(1")	11.6	>80	±2.2@F11.6	<0.25	<0.1	205.2	C	N
SBS-YXDX220-0.46-I	0.46	220±3	16.0(1")	11.6	>80	±2.2@F11.6	<0.25	<0.1	205.2	C	Y
SBS-YXDX220-0.5	0.5	220±3	16.0(1")	8	>110	±1.3@F8	<0.1	<0.1	205.7	C	N
SBS-YXDX220-0.5-I	0.5	220±3	16.0(1")	8	>110	±1.3@F8	<0.1	<0.1	205.7	C	Y
SBS-YXDX220-0.55	0.55	220±3	18.0(1.1")	10.1	>90	±1.3@F10.1	<0.1	<0.1	215.6	C	N
SBS-YXDX220-0.55-I	0.55	220±3	18.0(1.1")	10.1	>90	±1.3@F10.1	<0.1	<0.1	215.6	C	Y