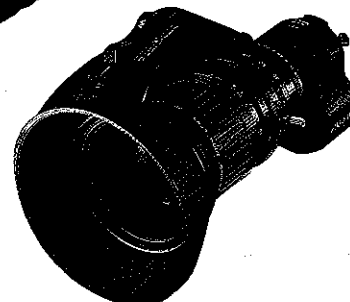
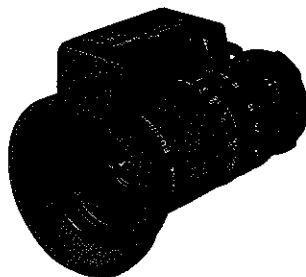
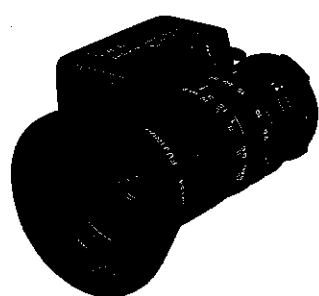


ENG LENS

THE LENS FOR CCD

2/3 INCH CCD



SPECIFICATIONS	A4x7.5RH/MD	A8x12RH/MD	A8.5x5.5VM/RD A8.5x5.5EVM/ERD*	A14x8.5EVM/ERD
FOCAL LENGTH	7.5~30mm	12~96mm	5.5~47mm (1x) 5.5~47mm* (1.7x) 9.4~80mm*	(1x) 8.5~119mm (2x) 17~238mm
ZOOM RATIO	4x	8x	8.5x 8.5x*	14x
EXTENDER	NO	NO	NO 1.7x*	2x
MAXIMUM APERTURE RATIO	F2.8 (7.5~30mm)	F2.8 (12~96mm)	F1.7 (5.5~37mm) F1.9 (47mm) F1.7 (5.5~37mm)* F1.9 (47mm)*	F1.7(8.5~103mm) F2.0(119mm)
MINIMUM OBJECT DISTANCE	0.45m	1m	0.3m 0.3m*	0.65m
OBJECT DIMENSIONS AT M.O.D.	7.5mm 572.3 x 429.3mm 30mm 143.1 x 107.3mm	12mm 698.4 x 523.8mm 96mm 87.3 x 65.5mm	5.5mm 492 x 369mm 47mm 57.9 x 43.4mm 5.5mm 492 x 369mm* 47mm 57.9 x 43.4mm* 5.5mm 77°19' x 61°55' 47mm 10°41' x 8°02' 5.5mm 77°19' x 61°55'* 47mm 10°41' x 8°02'*	8.5mm 626 x 469mm 119mm 45 x 34mm
ANGULAR FIELD OF VIEW	7.5mm 60°48' x 47°30' 30mm 16°41' x 12°33'	12mm 40°16' x 30°45' 96mm 5°15' x 3°56'	5.5mm 77°19' x 61°55' 47mm 10°41' x 8°02' 5.5mm 77°19' x 61°55'* 47mm 10°41' x 8°02'*	8.5mm 54°44' x 42°26' 119mm 4°14' x 3°10'
MACRO	NO	NO	NO YES*	YES
FILTER THREAD	Ø52mm P=0.75	Ø52mm P=0.75	Ø95mm P=1.0 Ø95mm P=1.0*	Ø77mm P=0.75
LENGTH	119mm	103mm	216.5mm 235mm*	189mm
WEIGHT (WITHOUT LENS HOOD)	0.65kg/0.75kg	0.6kg/0.7kg	1.72kg/1.79kg 1.82kg/1.89kg*	1.28kg/1.35kg
OPERATING SYSTEMS	RH/MD	RH/MD	VM/RD EVM/ERD*	EVM/ERD
MEMO	MANUAL LENS AVAILABLE	MANUAL LENS AVAILABLE		