

Lens Guide For BURLE Cameras

- Complete Line of 1/3-inch, 1/2-inch, 2/3-inch, and 1-inch Format Lenses
- Fixed, Manual, and Auto-Iris Lenses
- Lenses for Specialized Applications
- Complete Selection of Zoom Lenses
- CS-Mount or C-Mount
- Lens Accessory Items



This publication lists lenses available for BURLE cameras. A variety of fixed focal length, motorized zoom, and fixed, manual, or auto-iris types are available for 1/3-, 1/2-, 2/3-, and 1-inch format cameras. Pre-position option capability is available on selected lenses.

The specialized BURLE lenses include 1/3-inch manual zoom which allow a customized field of view when needed. A 1/2-inch manual iris override lens provides dual auto iris or user controlled iris function. Pin-hole lenses allow covert installations. The wide selection offered assures a lens to meet most applications.

The comprehensive lens data is tabulated by format within each lens category for easy reference. Detailed data is given to aid in selecting lenses for various applications and camera housings. The operating temperature range for these lenses is -20 °C (-4 °F) to +50 °C (+122 °F), except as noted. The Field-of-View Guide aids in selecting lenses for different image formats.

Specifications

Model No.	Note	Focal Length mm	Mount Style	Iris Range Max to Min f-Stop	Dimensions (D x L) or (W x H x L) mm (inches)	Filter Thread Dia. x Pitch mm	Lens Weight g (lb)	Iris Conn. Type
FIXED FOCAL LENGTH/FIXED IRIS								
1/3-inch Format								
TC9783	1, 2	3.6	CS	2.0 Fixed	30 x 8 (1.18 x 0.32)	---	20 (0.05)	---
TC9788	1, 2	8	CS	2.0 Fixed	30 x 8 (1.18 x 0.32)	---	18 (0.04)	---
FIXED FOCAL LENGTH/MANUAL IRIS								
1/3-inch Format								
TC9702	1, 3	2.8	CS	1.3 to Close	32 x 39.6 (1.26 x 1.56)	---	38 (0.08)	---
TC9704	1, 3	4	CS	1.2 to Close	32 x 35.7 (1.26 x 1.41)	---	32 (0.07)	---
TC9708	1, 3	8	CS	1.2 to Close	32 x 35.7 (1.26 x 1.41)	---	26 (0.06)	---
1/2-inch Format								
TC9703	1, 3	3.7	CS	1.6 to Close	32 x 35.7 (1.26 x 1.41)	30.5 P=0.5	34 (0.07)	---
TC9706	1, 3	6	CS	1.4 to Close	32 x 35.7 (1.26 x 1.41)	30.5 P=0.5	32 (0.07)	---
TC9712	1, 3	12	CS	1.4 to Close	32 x 35.7 (1.26 x 1.41)	30.5 P=0.5	26 (0.06)	---
TC9803	1, 2	4.2	C	1.6 to Close	42 x 43.5 (1.65 x 1.71)	---	120 (0.27)	---
TC9805	1, 3	6	C	1.2 to Close	42 x 46 (1.65 x 1.81)	40.5 P=0.5	125 (0.28)	---
TC9811	1, 3	12	C	1.2 to Close	42 x 46 (1.65 x 1.81)	40.5 P=0.5	125 (0.28)	---
2/3-inch Format								
TC9804	1, 2	4.8	C	1.8 to Close	42 x 32 (1.65 x 1.26)	---	100 (0.22)	---
TC9808	1, 3	8.5	C	1.5 to Close	42 x 40 (1.65 x 1.57)	40.5 P=0.5	120 (0.27)	---
TC9816	1, 3	16	C	1.4 to Close	42 x 40 (1.65 x 1.57)	40.5 P=0.5	90 (0.20)	---
1-inch Format								
TC9806	1, 2	6.5	C	1.8 to Close	48 x 42 (1.89 x 1.65)	---	120 (0.27)	---
TC9812	1, 3	12.5	C	1.4 to Close	42 x 50 (1.65 x 1.97)	40.5 P=0.5	135 (0.30)	---
TC9813	1, 3	12.5	C	1.8 to Close	42 x 40 (1.65 x 1.57)	40.5 P=0.5	95 (0.21)	---
TC9824	1, 3	25	C	1.4 to Close	42 x 40 (1.65 x 1.57)	40.5 P=0.5	100 (0.22)	---
TC9825	1, 3	25	C	1.8 to Close	42 x 40 (1.65 x 1.57)	40.5 P=0.5	87 (0.19)	---
TC9850	1, 3	50	C	1.8 to Close	42 x 52.5 (1.65 x 2.07)	40.5 P=0.5	130 (0.29)	---

