

Series Q

The wide range of motorised zoom lenses will cover nearly any application.

The Series Q consist of a complete range of lenses where a 3-CAM Motor Drive is used. Triple support and guidance of the zoom and focus ensures a very smooth, silent and reliable operation. The iris is galvanometrically controlled.

Key features of the Ernitec Motorised Zoom Lenses:

- Two years warranty on Series Q.
- Direct Drive iris versions.
- Feed-back potentiometer versions.
- 6 to 30 times zoom lenses, available in several configurations.

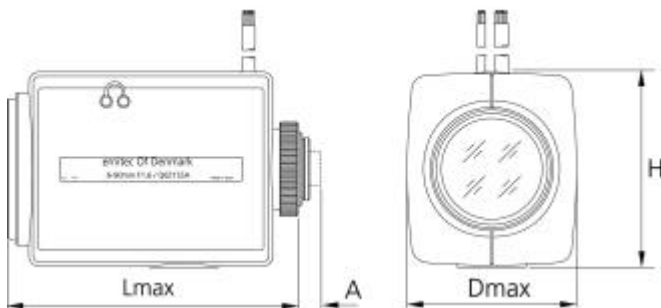


Specifications

Lens Type	Focal Length (mm)	Mount Format	Max. Apt.	Filter Thread	Horizontal Angle of View		Min. Obj. Dist. (m)	Time Z/F (sec.)	Dimensions (mm)				
					1/3"	1/2"			A	Dmax	Lmax	H	
6 x Zoom:													
Q6Z6SA-1/3*	6-36	CS-1/3"	0.95-360	M46x0.75	7.8°-44°	-	1.0	6/5*	4.8	60	89	80	
Q8Z6SA-1/2	8.5-51	C-1/2"	1.2-360	M46x0.75	4.7°-28°	7.1°-41°	1.0	6/5*	8.0	60	100	80	
8 x Zoom:													
Q6Z8SA-1/3	6-48	CS-1/3"	1.4-360	M46x0.75	5.8°-44°	-	1.0	6/5*	4.0	60	105	80	
10 x Zoom:													
Q6Z10SA-1/3	6-60	CS-1/3"	1.6-360	M55x0.75	4.7°-44°	-	1.2	8/6*	4.0	69	114	80	
Q8Z10SA-1/2	8-80	C-1/2"	1.8-360	M55x0.75	3.1°-30°	4.6°-44°	1.2	8/6*	4.0	69	128	80	
15 x Zoom:													
Q6Z15SA-1/3	6-90	CS-1/3"	1.6-360	M55x0.75	3.1°-44°	-	1.2	8/6*	4.0	69	114	80	
Q8Z15SA-1/2	8-120	C-1/2"	1.8-360	M55x0.75	2.1°-30°	3.1°-44°	1.2	8/6*	4.0	69	128	80	
18 x Zoom:													
Q11Z18SA-1/2	11-200	C-1/2"	1.9-360	M72x0.75	1.3°-21.7°	1.9°-32.1°	1.5	12/11*	7.5	87	171	80	
20 x Zoom:													
Q6Z20SA-1/3	5.6-112	CS-1/3"	1.6-360	M55x0.75	2.6°-47°	-	1.5	8/6*	4.0	69	120	80	
25 x Zoom:													
Q10Z25SNA-1/2	10-250	C-1/2"	1.5-125	-	1.1°-26.3°	1.5°-35.3°	2.0	14/14*	5.2	122	240.5	122	
30 x Zoom:													
Q5Z30SA-1/3	5.5-165	CS-1/3"	1.8-360	M72x0.75	1.7°-47.6°	-	1.8	11/18*	4.0	87	167	80	

*) Aspherical

*)@ 8 VDC



Electrical specifications:	Series Q
Auto Iris Supply voltage	8 – 16 VDC
Zoom/Focus Supply voltage	8 VDC (6-12 VDC)
Zoom/Focus Supply current, typ.	< 25 mA / function
Zoom/Focus Supply current, max.	60 mA / function
Driving coil imp. (NA types)	158 Ohm
Damp coil imp. (NA types)	1150 Ohm
Zoom/Focus feed-back (P-types)	5 KOhm
Temperature range	-10° to +50° C

Please note:

All lenses are equipped with a Neutral Density Filter for in- and outdoor use.

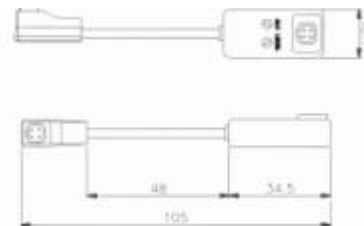
Series Q is available as Direct Drive Iris types, please add the suffix NA to the type number, (example: Q5Z30S-NA).

The complete range includes versions with feed-back potentiometers, please add the suffix P to the lens type number, (example: Q5Z30SAP).

C-mount lenses can be used on CS-mount cameras by adding an Ernitec C/CS-adaptor. Please note that Q10Z25 is only available in Direct Drive versions, (SNA and SPNA).

Easy-Click-on Auto Iris Circuit (E-Con)

The easy-click-on auto iris circuit (E-Con), shown to the right, makes a direct drive lens into an auto iris (video driven) lens in a second. Please order the E-Con separately.



The easy-click-on E-Con

3160-00110 / 140201



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