

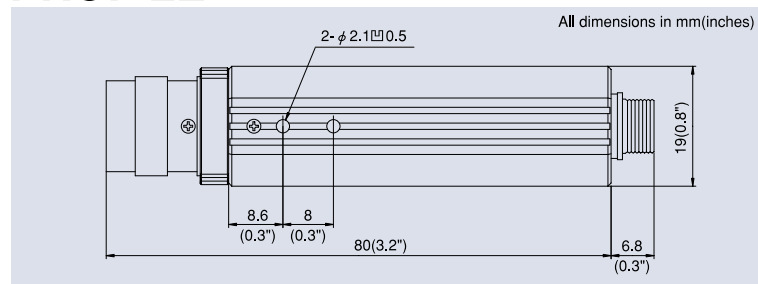
ELMO ONE-PIECE COLOR MICRO CAMERA, MP450

MP450 SPECIFICATIONS

Model	MP450
Power input	DC12V (DC11V ~ DC15V)
Power consumption	Approx.1.5W at DC12V
Image pick-up device	1/2" color interline-transfer CCD
Effective picture element	752(H) x 582(V)
Scanning area	6.47mm(H) x 4.83mm(V)
Scanning system	2:1 Interlaced
Scanning frequency	15.625kHz(H), 50Hz(V)
Sync.system	Internal
Resolution	470TV lines(H), 420TV lines(V)
S/N ratio	50dB or more
Standard illumination	60lx (F1.6 under incandescent lamp)
Minimum illumination	2lX (F1.6 under incandescent lamp)
White balance	ATW / 3200K / 4200K / 6300K (switchable)
AGC	Continuous Mode
Electronic shutter	1/50 sec, 1/120 sec, AES
AES	1/50 sec - 1/100,000 sec
Power terminal	8P round type connector
Video out terminal	8P round type connector output VBS 1.0V (p-p) 75Ω
Dimensions	19 (W) x 19 (H) x 80 (D) mm (0.75 x 0.75 x 3.15 inches)
Weight	Approx.50g (0.11 lbs)
Ambient temperature	-10°C ~ +40°C (14°F ~ 104°F)
Ambient humidity	30 ~ 90%
Accessory	Instruction manual, Camera holder

* The design and specifications are subject to change without prior notice due to continual improvements.

PROFILE



Optional lenses

Code	Type	Focal length	F stop
8771	T183	3mm	1.8
9264	T204D	4mm	2.0
9250	T1675F	7.5mm	1.6
9265	T2015D	15mm	2.0
9266	T3124	24mm	3.1
9819	T4536	36mm	4.5
9267	T287P Pinhole	7mm	2.8

Macro lenses for machine vision

Code	Type	Focal length	Magnifications
8797	T3425M	25mm	x0.38~x0.49
8797-1	T3425MB	25mm	x0.33~x0.67
8797-2	T3425MC	25mm	x0.66~x1.00
9271-2	T416M	16mm	x1.41~x1.57
9271	T416MA	16mm	x1.60~x2.50
9271-1	T416MB	16mm	x1.10~x1.60

Optional cable

Code	Type	Nominal length
9888	MNC-03A	3m
9888-1	MNC-10A	10m

Other Options

Code	Accessory
8733-1	Filters Set ·MC Protector ·PX No.14 ·EP ·ND8
8862	C-mount Adaptor
9896	AC adaptor, AC-E450P

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ELMO® ELMO CO., LTD. 6-14, Meizen-cho, Mizuho-ku, Nagoya, 467-8567, Japan
E-Mail:foreign-div@elmo.co.jp

Additional technical information is available from any of the following subsidiary companies;

ELMO (Europe) G.m.b.H. Neanderstr. 18, 40233 Düsseldorf, Germany
Tel. 0211-376051-53 Fax. 0211-376630
E-mail:info@elmo.de
Web:http://www.elmo.de

ELMO Canada Mfg. Corp. 44 West Drive, Brampton, Ontario, L6T 3T6, Canada
Tel. 905-453-7880 Fax. 905-453-2391
E-mail:info@elmocanada.com
Web:http://www.elmocanada.com

ELMO Mfg. Corp. 1478 Old Country Road, Plainview, NY 11803-5034, U.S.A.
Tel. 516-501-1400 Fax. 516-501-0429
E-mail:elmo@elmousa.com
Web:http://www.elmousa.com

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MP450 ONE-PIECE HIGH RESOLUTION COLOR MICRO CAMERA



SOLVE THOSE DIFFICULT VIDEO ASSIGNMENTS WITH THE AMAZING MICRO SIZED MP450 FROM ELMO. IT'S 19mm x 19mm IN SIZE AND WEIGHT ONLY 50g.

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Visualizing technology since 1921