



BARRIDE OPTICS
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BINOCULARS

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About Us

Barride Optics has been specially engaging in R&D, production of medium and high level optical & electronic items including riflescope, night vision, monocular, binoculars, spotting scope, range finder, telescope, etc. The company has rich technical capability of designing, strict technological process, perfect quality control system and good after-sale services. All products are exported abroad to serve the requirements of a wide range of overseas clients.

Our company practices ISO9001:2000 quality standard. Our experienced workers and strict inspection system will guarantee that each product has the best quality before shipment. Our R&D team continuously optimizes available models and designs new models to keep our products' competitiveness in the market. We can supply OEM and ODM services.

OUR MISSION is to support our clients by:

Proving competitive product & quick response.

Guarantying the products made as per the requests.

Improving the optical technical and production system.

Keeping clients informed about latest news for the order status

We look forward to working with you.

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Binoculars



Binoculars

Hunter Series

■ BM-7213A / BM-7213B / BM-7213C / BM-7213D



Green Coated



Twist Up



Fogproof



Waterproof

Model	BM-7213A 8X42	BM-7213B 10X42	BM-7213C 10X50	BM-7213D 12X50
Magnification	8X	10X	10X	12X
Objective Diameter(mm)	42 mm	42 mm	50 mm	50 mm
Type of Prism	BAK4	BAK4	BAK4	BAK4
Lens Coating	FMC	FMC	FMC	FMC
Exit Pupil Diameter(mm)	5.1 mm	4.1 mm	5 mm	4.1 mm
Exit Pupil Distance(mm)	17.5 mm	14 mm	17.5 mm	14 mm
Angle of View	7.4 °	5.8 °	5.8 °	4.7 °
Field of View	388ft / 1000yds 129m / 1000m	304ft / 1000yds 101m / 1000m	304ft / 1000yds 101m / 1000m	246ft / 1000yds 82m / 1000m
Min. Focal Length(m)	2 m	2 m	2.5 m	2.5 m
Waterproof & Fogproof	Yes	Yes	Yes	Yes
Unit Dimension(mm)	135 X 125 X 52 mm	135 X 125 X 52 mm	162 X 131 X 57 mm	162 X 131 X 51 mm
Unit Weight	670 g	673 g	876 g	859 g



■ BM-7218A / BM-7218B



Fogproof



Waterproof

Model	BM-7218A 8X42	BM-7218B 10X42
Magnification	8X	10X
Objective Diameter(mm)	42 mm	42 mm
Type of Prism	BK7	BK7
Lens Coating	MC	MC
Exit Pupil Diameter(mm)	5.2 mm	4 mm
Exit Pupil Distance(mm)	18 mm	13.6 mm
Field of View	330ft / 1000yds	304ft / 1000yds
Min. Focal Length(m)	2.5 m	2.5 m
Waterproof & Fogproof	Yes	Yes
Unit Dimension(mm)	154 X 126 X 52 mm	150 X 126 X 52 mm
Unit Weight	550 g	536 g

■ BM-7219A / BM-7219B



Fogproof



Waterproof

Model	BM-7219A 8X42	BM-7219B 10X42
Magnification	8X	10X
Objective Diameter(mm)	42 mm	42 mm
Type of Prism	BAK4	BAK4
Lens Coating	FMC	FMC
Exit Pupil Diameter(mm)	5.2 mm	4.27 mm
Exit Pupil Distance(mm)	17.2 mm	15.2 mm
Field of View	425ft / 1000yds	341ft / 1000yds
Min. Focal Length(m)	2.5m	2.5m
Waterproof & Fogproof	Yes	Yes
Unit Dimension(mm)	141X 127 X 52 mm	141 X 127 X 52 mm
Unit Weight	678 g	660 g

■ BM-7221A / BM-7221B / BM-7221C / BM-7221D



Model	BM-7221A 6.5X32	BM-7221B 8X32	BM-7221C 8X42	BM-7221D 10X42
Magnification	6.5X	8X	8X	10X
Objective Diameter(mm)	32 mm	32 mm	42 mm	42 mm
Type of Prism	BAK4	BAK4	BAK4	BAK4
Lens Coating	FMC	FMC	FMC	FMC
Exit Pupil Diameter(mm)	4.9 mm	4 mm	4.9 mm	4 mm
Exit Pupil Distance(mm)	18 mm	15 mm	18 mm	15 mm
Angle of View	8.6 °	8.1 °	6.6 °	6.3 °
Field of View	452ft / 1000yds 151m / 1000m	425ft / 1000yds 142m / 1000m	347ft / 1000yds 116m / 1000m	331ft / 1000yds 110m / 1000m
Min. Focal Length(m)	3.2 m	3.2 m	3.2 m	3.2 m
Waterproof & Fogproof	Yes	Yes	Yes	Yes
Unit Dimension(mm)	126 X 125 X 50 mm	123 X 125 X 50 mm	146 X 128 X 54 mm	143 X 128 X 54 mm
Unit Weight	595 g	584 g	685 g	674 g

■ BM-7212A / BM-7212B



Model	BM-7212A 8X32	BM-7212B 10X32
Magnification	8X	10X
Objective Diameter(mm)	32 mm	32 mm
Type of Prism	BAK4	BAK4
Number of Lens	6pcs / 4groups	6pcs / 4groups
Lens Coating	MC	MC
Exit Pupil Diameter(mm)	4 mm	3.2 mm
Exit Pupil Distance(mm)	17.8 mm	14 mm
Angle of View	6.8 °	5.8 °
Field of View	356ft / 1000yds 119m / 1000m	304ft / 1000yds 101m / 1000m
Min. Focal Length(m)	4 m	4 m
Waterproof & Fogproof	Yes	Yes
Unit Dimension(mm)	135 X 48 X 127 mm	128 X 121 X 47 mm
Unit Weight	530 g	589 g

■ **BM-7220A / BM-7220B**



Fogproof



Waterproof

Model	BM-7220A 8X42	BM-7220B 10X42
Magnification	8X	10X
Objective Diameter(mm)	42 mm	42 mm
Type of Prism	BAK4	BAK4
Lens Coating	FMC	FMC
Exit Pupil Diameter(mm)	4.9 mm	4 mm
Exit Pupil Distance(mm)	18.2 mm	13.3 mm
Angle of View	6.44 °	5.8 °
Field of View	338ft / 1000yds 115m / 1000m	305ft / 1000yds 102m / 1000m
Min. Focal Length(m)	3.5 m	3.8 m
Waterproof & Fogproof	Yes	Yes
Unit Dimension(mm)	145 X 126 X 52 mm	141 X 126 X 52 mm
Unit Weight	590 g	674 g

Binoculars

Waterproof Series



■ BM-7123 / BM-7124 / BM-7125 / BM-7126



Fogproof



Waterproof

Model	BM-7123 6.5X32	BM-7124 8X32	BM-7125 8X42	BM-7126 10X42
Magnification	6.5X	8X	8X	10X
Objective Diameter(mm)	32 mm	32 mm	42 mm	42 mm
Type of Prism	BAK4	BAK4	BAK4	BAK4
Lens Coating	FMC	FMC	FMC	FMC
Exit Pupil Diameter(mm)	4.9 mm	4 mm	4.9 mm	4 mm
Exit Pupil Distance(mm)	18 mm	15 mm	18 mm	15 mm
Angle of View	8.6 °	8.1 °	6.6 °	6.3 °
Field of View	452ft / 1000yds 151m / 1000m	425ft / 1000yds 142m / 1000m	347ft / 1000yds 116m / 1000m	331ft / 1000yds 110m / 1000m
Min. Focal Length(m)	3.2 m	3.2 m	3.2 m	3.2 m
Waterproof & Fogproof	Yes	Yes	Yes	Yes
Unit Dimension(mm)	126 X 125 X 50 mm	123 X 125 X 50 mm	146 X 128 X 54 mm	143 X 128 X 54 mm
Unit Weight	595 g	584 g	685 g	674 g

■ BM-7127 / BM-7128 / BM-7129



Fogproof



Waterproof

Model	BM-7127 8X56	BM-7128 10X56	BM-7129 12X56
Magnification	8X	10X	12X
Objective Diameter(mm)	56 mm	56 mm	56 mm
Type of Prism	BAK4	BAK4	BAK4
Lens Coating	FMC	FMC	FMC
Exit Pupil Diameter(mm)	6.89 mm	5.68 mm	4.63 mm
Exit Pupil Distance(mm)	22.5 mm	21 mm	16.2 mm
Angle of View	6.7 °	6.1 °	5.5 °
Field of View	351ft / 1000yds 117m / 1000m	321ft / 1000yds 107m / 1000m	288ft / 1000yds 96m / 1000m
Min. Focal Length(m)	3 m	3 m	3 m
Waterproof & Fogproof	Yes	Yes	Yes
Unit Dimension(mm)	163 X 143 X 65 mm	161 X 143 X 65 mm	158 X 143 X 65 mm
Unit Weight	998 g	1034 g	1011 g

Binoculars

Wide Angle Series



■ BM-5047 / BM-5105



Model	BM-5047
Magnification	10X
Objective Diameter(mm)	50 mm
Type of Prism	BAK4
Exit Pupil Diameter(mm)	4.8 mm
Exit Pupil Distance(mm)	17.8 mm
Angle of View	7 °
Field of View	367ft / 1000yds 122m / 1000m
Unit Weight	980 g



Model	BM-5105
Magnification	10X
Objective Diameter(mm)	50 mm
Type of Prism	BK7
Exit Pupil Diameter(mm)	12 mm
Exit Pupil Distance(mm)	26 mm
Field of View	128m / 1000m
Unit Weight	840 g

■ BM-5102 / BM-5101



Model	BM-5102
Magnification	7X
Objective Diameter(mm)	50 mm
Type of Prism	BK7
Exit Pupil Diameter(mm)	8 mm
Exit Pupil Distance(mm)	28 mm
Angle of View	6,8 °
Relative Brightness	25
Unit Weight	790 g



Model	BM-5101
Magnification	7X
Objective Diameter(mm)	35 mm
Type of Prism	BK7
Exit Pupil Diameter(mm)	6 mm
Exit Pupil Distance(mm)	28 mm
Angle of View	9,2 °
Relative Brightness	25
Unit Weight	690 g

■ BM-5103A / BM-5103B / BM-5103C



Model	BM-5103A	BM-5103B	BM-5103C
Magnification	8X	8X	10X
Objective Diameter(mm)	35 mm	40 mm	50 mm
Front Lens Diameter(mm)	45 mm	58 mm	58 mm
Prism (BAK4 / BK7)	BAK4	BAK4	BAK4
Prism Type	Porro	Porro	Porro
Eyepiece Diameter(mm)	21 mm	21 mm	21 mm
Lens Coating	FMC	FMC	FMC
Field of View	9 °	8 °	6,8 °
Eye Relief(mm)	20 mm	20 m	20 m
Close Distance(m)	5 m	5 m	6 m
Diopter Adjustment	-4D ~ +4D	-4D ~ +4D	-4D ~ +4D
Net Weight	750 g	770 g	850 g
Dimensions of Product(mm)	115 x 60 x 182 mm	115 x 140 x 65 mm	179 x 190 x 62 mm



■ BM-5104



Fogproof



Waterproof

Model	BM-5104
Magnification	7X
Objective Diameter(mm)	50 mm
Front Lens Diameter(mm)	65 mm
Prism	BAK4
Prism Type	Porro
Eyepiece Diameter(mm)	23 mm
Lens Coating	FMC
Field of View	7 °
Eye Relief(mm)	23 mm
Close Distance(m)	5 m
Waterproof (Y/N)	Y
Fogproof(Y/N)	Y
Diopter Adjustment	-4D ~ +4D
Net Weight	950 g

■ BM-5109A / BM-5109B / BM-5109C / BM-5109D



Fogproof



Waterproof

Model	BM-5109A 7X50	BM-5109B 8X40	BM-5109C 10X50	BM-5109D 12X50
Magnification	7X	8X	10X	12X
Objective Diameter(mm)	50 mm	40 mm	50 mm	50 mm
Focus System	Cent.	Cent.	Cent.	Cent.
Type of Prism	BAK4	BAK4	BAK4	BAK4
Number of Lens	5pcs / 3groups	6pcs / 4groups	6pcs / 4groups	8pcs / 5groups
Lens Coating	FMC	FMC	FMC	FMC
Angle of View	7 °	7.85 °	6.4 °	5 °
Field of View	67ft / 1000yds 122m / 1000m	412ft / 1000yds 137m / 1000m	336ft / 1000yds 112m / 1000m	262ft / 1000yds 87m / 1000m
Exit Pupil Diameter(mm)	7 mm	4.8 mm	4.9 mm	4.2 mm
Eye Relief(mm)	24.35 mm	19.06 mm	18.64 mm	18.57 mm
Relative Brightness	49	23.04	24.01	17.64
Twilight Index	49.49	50.56	24.01	17.64
Interpupillary Distance(mm)	54-73 mm	54-73 mm	54-73 mm	54-73 mm
Resolution	≤ 4"	≤ 4"	≤ 4"	≤ 4"
Near Focus(m)	5 m	5 m	8 m	10 m
All Weather	Yes	Yes	Yes	Yes
Waterproof and Shockproof	Yes	Yes	Yes	Yes



■ BM-7066



Model	BM-7066
Magnification	8X
Objective Diameter(mm)	30 mm
Type of Prism	BK7
Number of Lens	10pcs / 4groups
Exit Pupil Diameter(mm)	3.6 mm
Exit Pupil Distance(mm)	16.2 mm
Angle of View	6.34 °
Field of View	332ft / 1000yds 111m / 1000m
Relative Brightness	12.96
Twilight Index	15.49
Diopter Adjustment	±4DIOPTER
Unit Dimension(mm)	139 X 52 X 152mm
Unit Weight	492 g

Binoculars

Floating Series



■ BM-5116 / BM-5112



Model	BM-5116	BM-5112
Magnification	7X	7X
Objective Diameter(mm)	50 mm	50 mm
Type of Prism	BAK4	BAK4
Number of Lens	5pcs / 3groups	5pcs / 3groups
Exit Pupil Diameter(mm)	6.8 mm	6.8 mm
Exit Pupil Distance(mm)	22 mm	22 mm
Angle of View	7.5 °	7.5 °
Field of View	396ft / 1000yds 132m / 1000m	396ft / 1000yds 132m / 1000m
Min. Focal Length	28ft / 8.6m	28ft / 8.6m
Relative Brightness	46,24	46,24
Twilight Index	18,71	18,71
Compass	Yes	Yes
Target Reticle	Yes	Yes
LED Lighting	Yes	Yes
Waterproof and Fogproof	Yes	Yes
Unit Dimension(mm)	200 X 150 X 80mm	200 X 150 X 80mm

■ BM-5105 / BM-5106 / BM-5107



Model	BM-5105	BM-5106	BM-5107
Magnification	7X	7X	8X
Objective Diameter(mm)	50 mm	50 mm	30 mm
Front Lens Diameter(mm)	60 mm	61 mm	45 mm
Prism(BAK4 / BK7)	BAK4	BAK4	BAK4
Prism Type	Porro	Porro	Porro
Eyepiece Diameter(mm)	24 mm	23 mm	18 mm
Lens Coating	FMC	FMC	FMC
Angle of View	7.5 °	7 °	8 °
Eye Relief(mm)	23 mm	24 mm	18 mm
Close Distance(m)	3 m	4 m	3 m
Waterproof (Y/N)	Y	Y	Y
Fogproof(Y/N)	Y	Y	Y
Diopter Adjustment	-4D ~ +4D	-5D ~ +5D	-5D ~ +5D
Net Weight	1420 g	1120 g	575 g
Dimensions of Product(mm)	165 x 53 x 125mm	165 x 53 x 125mm	165 x 75 x 115mm

Binoculars

Giant Series



■ BM-9028 / BM-9029



Fogproof



Waterproof

Model	BM-9028 20X80	BM-9029 25X100
Magnification	20X	25X
Objective Diameter(mm)	80 mm	100 mm
Focus System	Individual	Individual
Type of Prism	BAK4	BAK4
Number of Lens	7pcs / 5groups	7pcs / 5groups
Lens Coating	FMC	FMC
Angle of View	3.25 °	2.5 °
Field of View	170ft / 1000yds 57m / 1000m	131ft / 1000yds 43m / 1000m
Exit Pupil Diameter(mm)	4 mm	4 mm
Eye Relief(mm)	16.5 mm	17.34 mm
Relative Brightness	16	16
Twilight Index	178.8	250
Interpupillary Distance(mm)	54 - 73mm	54 - 73mm
Resolution	≤3"	≤3"
Near Focus(m)	25 m	30 m
All Weather	Yes	Yes
Waterproof and Shockproof	Yes	Yes

■ **BM-9015 / BM-9016 / BM-9017**



Model	BM-9015	BM-9016	BM-9017
Magnification	9X	11X	12X
Objective Diameter(mm)	60 mm	70 mm	80 mm
Ocular Lens(mm)	26 mm	26 mm	26 mm
Exit Pupil Diameter(mm)	7.1 mm	7.1 mm	7.1 mm
Exit Pupil Distance(mm)	18.8 mm	18.1 mm	18.5 mm
Twilight Index	28.65	33.65	33.65
Angle of View	6.5 °	6.5 °	6.5 °
Field of View	288ft / 1000yds 96m / 1000m	240ft / 1000yds 80m / 1000m	207ft / 1000yds 69m / 1000m
Resolution	≤ 5.2"	≤ 5.0"	≤ 5.5"
Min. Focal Length(m)	8 m	8 m	8 m
Interpupillary Distance(mm)	56 - 74mm	56 - 74mm	56 - 74mm
Focus System	Cent.	Cent.	Cent.
Diopter Compensation	-5To + 5Diopter	-5To + 5Diopter	-5To + 5Diopter
Prism Glass Materials	BAK4	BAK4	BAK4
Number of Lens	5pcs / 3groups	5pcs / 3groups	5pcs / 3groups

Binoculars
Promotional Series



■ BM-2006 / BM-2019



Model	BM-2006
Magnification	3X
Objective Diameter(mm)	25 mm
Eyepiece Diameter(mm)	13.5 mm
Exit Pupil Diameter(mm)	7.5 mm
Angle of View	7 °
Field of View	122m / 1000m
Min. Focal Length(m)	3 m
Lens Coating	Blue Coated
Product Dimension(mm)	110 X 75 X 40mm
Weight	220 g



Model	BM-2019
Magnification	3X
Objective Diameter(mm)	25 mm
Eyepiece Diameter(mm)	13.5 mm
Exit Pupil Diameter(mm)	8.3 mm
Angle of View	6 °
Field of View	109m / 1000m
Min. Focal Length(m)	3 m
Lens Coating	Blue Coated
Product Dimension(mm)	110 X 55 X 30mm
Weight	170 g

■ BM-2025 / BM-2090



Model	BM-2025
Magnification	3X
Objective Diameter(mm)	25 mm
Eyepiece Diameter(mm)	13.5 mm
Exit Pupil Diameter(mm)	8.3 mm
Angle of View	6 °
Field of View	109m / 1000m
Min. Focal Length(m)	3 m
Lens Coating	Blue Coated
Product Dimension(mm)	110 X 55 X 30mm
Weight	170 g



Model	BM-2090
Magnification	3X
Objective Diameter(mm)	25 mm
Eyepiece Diameter(mm)	13.5 mm
Exit Pupil Diameter(mm)	8.3 mm
Angle of View	6 °
Field of View	109m / 1000m
Min. Focal Length(m)	3 m
Lens Coating	Blue Coated
Product Dimension(mm)	110 X 55 X 30mm
Weight	170 g

■ BM-2091 / BM-2095



Model	BM-2091
Magnification	3X
Objective Diameter(mm)	25 mm
Eyepiece Diameter(mm)	13,5 mm
Exit Pupil Diameter(mm)	8,3 mm
Angle of View	6 °
Field of View	109m / 1000m
Min. Focal Length(m)	3 m
Lens Coating	Blue Coated
Product Dimension(mm)	110 X 55 X 30mm
Weight	170 g



Model	BM-2095
Magnification	3X
Objective Diameter(mm)	25 mm
Eyepiece Diameter(mm)	13,5 mm
Exit Pupil Diameter(mm)	8,3 mm
Angle of View	6 °
Field of View	109m / 1000m
Min. Focal Length(m)	3 m
Lens Coating	Blue Coated
Product Dimension(mm)	110 X 55 X 30mm
Weight	170 g



■ BM-2100



Model	BM-2100
Magnification	4X
Objective Diameter(mm)	30 mm
Eyepiece Diameter(mm)	13,5 mm
Exit Pupil Diameter(mm)	7,5 mm
Angle of View	7 °
Field of View	122m / 1000m
Min. Focal Length(m)	4 m
Lens Coating	Blue Coated
Product Dimension(mm)	110 X 75 X 40mm
Weight	220 g

■ BM-2007 / BM-3011



Model	BM-2007
Magnification	6X
Objective Diameter(mm)	21 mm
Angel of View	6.8 °
Field of View	120m / 1000m
Focus System	Center
Materials	Plastic,Rubber, Glass Lens
Color	Yellow
Net Weight	About 116g
Size	8,3 X 11 X 3,8cm



Model	BM-3011
Magnification	12X
Objective Diameter(mm)	25 mm
Type of Prism	BK7
Exit Pupil Diameter(mm)	2.1 mm
Exit Pupil Distance(mm)	20 mm
Field of View	92m / 1000m
Unit Weight	285 g

■ BM-3018 / BM-3042



Model	BM-3018
Magnification	8X
Objective Diameter(mm)	25 mm
Type of Prism	BK7
Exit Pupil Diameter(mm)	3.1 mm
Exit Pupil Distance(mm)	12 mm
Field of View	130m / 1000m
Unit Weight	270 g



Model	BM-3042
Magnification	10X
Objective Diameter(mm)	25 mm
Type of Prism	BK7
Exit Pupil Diameter(mm)	3 mm
Exit Pupil Distance(mm)	14.8 mm
Field of View	114m / 1000m
Unit Weight	264 g

■ BM-3021 / BM-3020



Model	BM-3021
Magnification	8X
Objective Diameter(mm)	22 mm
Type of Prism	BK7
Exit Pupil Diameter(mm)	2.6 mm
Exit Pupil Distance(mm)	10.5 mm
Field of View	128m / 1000m
Unit Weight	185 g



Model	BM-3020
Magnification	8X
Objective Diameter(mm)	21 mm
Type of Prism	BK7
Exit Pupil Diameter(mm)	2.75 mm
Exit Pupil Distance(mm)	12 mm
Field of View	128m / 1000m
Unit Weight	180 g

Monocular





■ BM-1068A / BM-1068B



Model	BM-1068A 8X42	BM-1068B 10X42
Magnification	8X	10X
Objective Diameter(mm)	42 mm	42 mm
Type of Prism	BK7	BK7
Lens Coating	MC	MC
Exit Pupil Diameter(mm)	5.2 mm	4 mm
Exit Pupil Distance(mm)	18 mm	13.6 mm
Field of View	330ft / 1000yds	304ft / 1000yds
Min. Focal Length(m)	3 m	3 m
Waterproof and Fogproof	Yes	Yes
Eyecups System	Twist-up Eyecup	Twist-up Eyecup
Unit Dimension(mm)	160 X 71 X 54mm	156 X 71 X 54mm
Unit Weight	353 g	341 g

■ BM-1069A / BM-1069B / BM-1069C / BM-1069D



Model	BM-1069A 8X42	BM-1069B 10X42	BM-1069C 10X50	BM-1069D 12X50
Magnification	8X	10X	10 X	12 X
Objective Diameter(mm)	42 mm	42 mm	50 mm	50 mm
Type of Prism	BAK4	BAK4	BAK4	BAK4
Lens Coating	MC	MC	MC	MC
Exit Pupil Diameter(mm)	5.2 mm	4.3 mm	4.9 mm	4.2 mm
Exit Pupil Distance(mm)	17.2 mm	15.2 mm	17 mm	15 mm
Angle of View	7.5 °	6.5 °	5.9 °	5.2 °
Field of View	131m / 1000m	114m / 1000m	103m / 1000m	91m / 1000m
Min. Focal Length(m)	2 m	2 m	2 m	2 m
Waterproof and Fogproof	Yes	Yes	Yes	Yes
Unit Dimension(mm)	147 X 73 X 53mm	147 X 73 X 53mm	172 X 79 X 59mm	172 X 79 X 59mm
Unit Weight	330 g	330 g	429 g	429 g

■ BM-1001 / BM-1017



Model	BM-1001
Type of Prism	BK7
Optics Coating	MGF2
Objective Lens Diameter(mm)	30 mm
Magnification	25X / 12X
Angle of View	1.5 °
Eye Relief	11 mm
Field of View	140m / 1000m



Model	BM-1017
Magnification	10X
Objective Diameter(mm)	40 mm
Type of Prism	BK7
Exit Pupil Diameter(mm)	2.6 mm
Exit Pupil Distance(mm)	10 mm
Field of View	123m / 1000m
Unit Dimension(cm)	15.5 X 5.7 X 5.7cm
Net Weight	264 g

■ BM-1019 / BM-1021



Model	BM-1019
Magnification	8X - 20X
Objective Diameter(mm)	25 mm
Type of Prism	BK7
Exit Pupil Diameter(mm)	3.1-1.25 mm
Exit Pupil Distance(mm)	14 mm
Field of View	80-52m / 1000m
Unit Dimension(cm)	11 x 6.5 x 5cm
Unit Weight	158 g



Model	BM-1021
Magnification	10X
Objective Diameter(mm)	40 mm
Type of Prism	BK7
Exit Pupil Diameter(mm)	2.7 mm
Exit Pupil Distance(mm)	10.5 mm
Field of View	98m / 1000m
Unit Dimension(cm)	14.5 x 4.7 cm
Unit Weight	248 g



■ BM-1071



Model	BM-1071
Magnification	10X
Objective Diameter(mm)	50 mm
Exit Pupil Diameter(mm)	4.5 mm
Eye Relief(mm)	16 mm
Angle of View	6.5 °
Field of View	342ft / 1000yds 114m / 1000m

■ BM-1044 / BM-1045



Model	BM-1044 8X42	BM-1045 10X42
Magnification	8X	10X
Objective Diameter(mm)	42 mm	42 mm
Type of Prism	BAK4	BAK4
Number of Lens	8pcs / 6groups	8pcs / 6groups
Lens Coating	FMC	FMC
Exit Pupil Diameter(mm)	5.2 mm	4.1 mm
Exit Pupil Distance(mm)	17.5 mm	14 mm
Angle of View	7.4 °	5.8 °
Field of View	388ft / 1000yds 129m / 1000m	304ft / 1000yds 101m / 1000m
Min. Focal Length(m)	3 m	3 m
Resolution	≤ 6.5"	≤ 6.5"
Waterproof and Fogproof	Yes	Yes
Unit Dimension(mm)	139 X 80 X 50mm	139 X 80 X 50mm
Unit Weight	339 g	336 g

■ BM-1046 / BM-1047



Model	BM-1046 10X50	BM-1047 12X50
Magnification	10X	12X
Objective Diameter(mm)	50 mm	50 mm
Prism Type	BAK4	BAK4
Number of Lens	8pcs / 6groups	8pcs / 6groups
Lens Coating	FMC	FMC
Exit Pupil Diameter(mm)	5 mm	4.1 mm
Exit Pupil Distance(mm)	17.5 mm	14 mm
Angle of View	5.8 °	4.7 °
Field of View	304ft / 1000yds 101m / 1000m	246ft / 1000yds 82m / 1000m
Min. Focal Length(m)	2.5 m	2.5 m
Resolution	≤ 4.2"	≤ 4.2"
Waterproof and Fogproof	Yes	Yes
Unit Dimension(mm)	162 X 80 X 62mm	162 X 80 X 62mm
Unit Weight	403 g	415 g



■ BM-1070



Model	BM-1070
Magnification	8X / 10X
Objective Diameter(mm)	42 mm
Front Lens Diameter(mm)	55 mm
Prism	BK7
Prism Type	Roof
Eyepiece Diameter(mm)	23 mm
Lens Coating	MC
Field of View	6.48° / 6°
Eye Relief(mm)	18.6 mm
Close Distance(m)	3m / 5m
Diopter Adjustment	-4D ~ +4D
Net Weight	360 g
Dimension of Product(mm)	153 X 55 X 69mm

Spotting Scope



■ BM-SC33A / BM-SC33C



Model	BM-SC33A
Magnification	20 - 60X
Objective Diameter(mm)	60 mm
Angle of View	2.4 - 1.2degree
Field of View	126-63ft / 1000yds 42-21m / 1000m
Exit Pupil Diameter(mm)	4 -1.3mm
Eye Relief(mm)	16 -12mm
Close Focus(m)	6 m



Model	BM-SC33C
Magnification	22 - 65X
Objective Diameter(mm)	100 mm
Prism	BAK4
Number of Lens	7pieces / 6groups
Lens Coating	BMC
Focus System	Cent
Angle Field of View	1.6° at 22X 0.8° at 65X
Field of View	84ft / 1000yds 28m / 1000m at 22X 42ft / 1000yds 14m / 1000m at 65X
Min. Focal Length(m)	7m / 21ft
Relative Brightness	121.2 at 20X 2.4 at 60X
Waterproof	1.5m / 3min
Nitrogen Filled	Yes



Fogproof



Waterproof

■ BM-SC33B

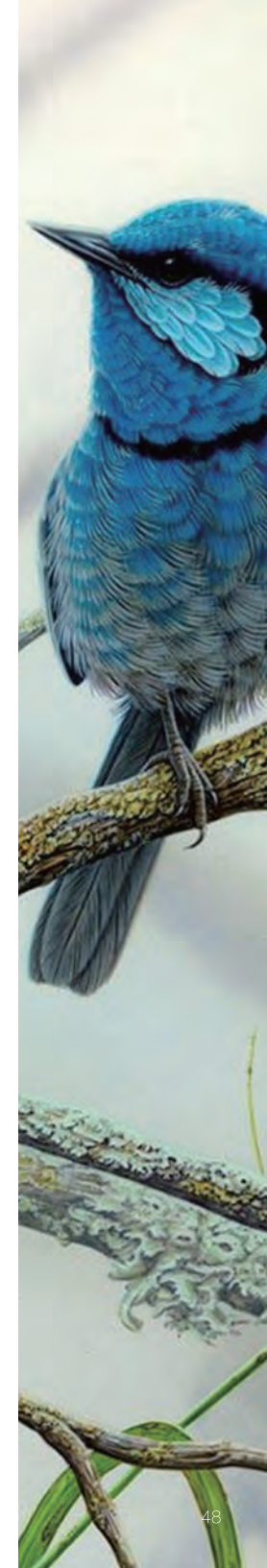


Fogproof



Waterproof

Model	BM-SC33B
Magnification	20 - 60X
Objective Diameter(mm)	80 mm
Type of Prism	Porro / BAK4
Number of Lens	7pieces / 5groups
Lens Coating	BMC
Focus System	Cent
Exit Pupil Diameter(mm)	4mm at 20X / 1.33mm at 60X
Exit Pupil Distance(mm)	18mm at 20X / 15mm at 60X
Angle Field of View	1.8° at 20X / 1.0° at 60X
Field of View	94.2ft / 1000yds 31.4m / 1000m at 20X 52.5ft / 1000yds 17.5m / 1000m at 60X
Min. Focal Length(m)	6m / 18ft
Relative Brightness	16 at 20X / 1.77at 60X
Twilight Index	40 at 20X, 69.3 at 60X
Resolution	≤ 2.8"
Weather Proof	Yes
Waterproof	1.5m / 3min
Nitrogen Filled	Yes



■ BM-SC35A / BM-SC35B / BM-SC35C



Fogproof



Waterproof

Model	BM-SC35A 20-60X60	BM-SC35B 25-75X70	BM-SC35C 20-60X80
Magnification	20 - 60X	25 - 75X	20 - 60X
Objective Diameter(mm)	60 mm	70 mm	80 mm
Front Lens Diameter(mm)	82 mm	92 mm	102 mm
Prism	BAK4	BAK4	BAK4
Prism Type	Porro	Porro	Porro
Eyepiece Diameter(mm)	15 mm	15 mm	21 mm
Lens Coating	FMC	FMC	FMC
Angle of View	2.1-1degree	1.9 - 0.91degree	2.2 - 1.1degree
Waterproof	Yes	Yes	Yes
Fogproof	Yes	Yes	Yes

■ BM-SC05A / BM-SC05B / BM-SC05C



Fogproof



Waterproof

Model	BM-SC05A 15-45X50	BM-SC05B 25-75X70	BM-SC05C 20-60X60
Magnification	15 - 45X	25 - 75X	20 - 60X
Objective Diameter(mm)	50 mm	70 mm	60 mm
Front Lens Diameter(mm)	73 mm	92 mm	82 mm
Prism	BAK4	BAK4	BAK4
Prism Type	Porro	Porro	Porro
Eyepiece Diameter(mm)	15 mm	15 mm	15 mm
Lens Coating	FMC	FMC	FMC
Angle of View	2.4 - 1.14degree	1.9 - 0.91degree	2.1 - 1degree
Waterproof	Yes	Yes	Yes
Fogproof	Yes	Yes	Yes

■ BM-SC32A / BM-SC32B / BM-SC32C



Model	BM-SC32A 20X50	BM-SC32B 10-30X50	BM-SC32C 10-36X60
Magnification	20X	10 - 30X	10 - 36X
Objective Diameter(mm)	50 mm	50 mm	60 mm
Number of Lens	6pcs / 3groups	6pcs / 3groups	6pcs / 3groups
Exit Pupil Diameter(mm)	2.4 mm	3.6 mm	3.6 mm
Exit Pupil Distance(mm)	9 mm	17.72 - 15.14mm	10 - 36mm
Angle of View	3.25 °	3.2° - 2°	2.4° - 1.35°
Field of View	168ft / 1000yds 56m / 1000m	168-90ft / 1000yds 56-30m / 1000m	168-87ft / 1000yds 55-29m / 1000m
Min Focal Length(m)	7 m	8 m	10 m

■ BM-SC07C / BM-SC07D



Model	BM-SC07C 20-60X60
Magnification	20 - 60X
Objective Diameter(mm)	60 mm
Prism	BK7
Angle of View	2.4-1.2 degree
Field of View	126-63ft / 1000yds 42-21m / 1000m
Exit Pupil Diameter(mm)	4 - 1.3mm
Eye Relief(mm)	16 - 12mm
Close Focus(m)	7 m



Model	BM-SC07D 20-60X80
Magnification	20 - 60X
Objective Diameter(mm)	80 mm
Prism	BK7
Number of Lens	7pieces / 4groups
Lens Coating	BMC
Focus System	Cent
Exit Pupil Diameter(mm)	4mm at 20X/1.33mm at 60X
Exit Pupil Distance(mm)	18mm at 20X/15mm at 60X
Angle of View	1.8° at 20X/1.0° at 60X
Field of View	94.2ft / 1000yds 31.4m / 1000m at 20X 52.5ft / 1000yds 17.5m / 1000m at 60X
Min. Focal Length(m)	6m / 18ft

Laser Rangefinder



■ BM-LR10



Model	BM-LR10
Magnification	8X
Objective Diameter(mm)	22 mm
Field of View	7.5 °
Measuring Time	0.5 - 1sec
Laser Light Type	905 nm
Exit Pupil Diameter(mm)	3.7 mm
Distance Measure Accuracy	1/-1 M/Y
Angle Measure Accuracy	± 60°
Measurement Range	5~600 / 1000 / 1200 / 1500 / 2000 / 2500 / 3000m
Measurement Speed Range	20 - 300Km/h
Net Weight	223 g
Dimensions(mm)	127 x 80 x 43mm
Mode	Distance +Angle +Horizontal Distance +Height+Speed

■ BM-LR13



Model	BM-LR13
Magnification	6X
Objective Diameter(mm)	22 mm
Field of View	7.5 °
Measuring Time	0.5 - 1sec
Laser Light Type	905 nm
Exit Pupil Diameter(mm)	3.7 mm
Distance Measure Accuracy	1/-1 M/Y
Angle Measure Accuracy	± 60°
Measurement Range	5~600 / 1000 / 1200 / 1500 / 2000 / 2500 / 3000m
Measurement Speed Range	20 - 300Km/h
Net Weight	168 g
Dimensions(mm)	118 x 75 x 40mm

■ BM-LR14



Model	BM-LR14
Magnification	6X
Objective Diameter(mm)	22 mm
Field of View	7,5 °
Measuring Time	0,5 - 1sec
Laser Light Type	905 nm
Exit Pupil Diameter(mm)	3,7 mm
Distance Measure Accuracy	Within 400 meters,+/-1m;Exceed 400 meters,0.4% Angle
Angle Measure Accuracy	± 60°
Measurement Range	6-600 / 1000 / 1200 / 1500 / 2000 / 2500 / 3000m
Measurement Speed Range	20 - 300Km/h
Net Weight	168 g
Dimensions(mm)	118 x 75 x 40mm

■ BM-LR15



Model	BM-LR15
Magnification	7X
Objective Diameter(mm)	24 mm
Field of View	7,5 °
Measuring Time	0,5 - 1sec
Laser Light Type	905 nm
Exit Pupil Diameter(mm)	3,7 mm
Distance Measure Accuracy	Within 400 meters,+/-1m;Exceed 400 meters,0.4% Angle
Angle Measure Accuracy	± 60°
Measurement Range	6-600 / 1000 / 1200 / 1500 / 2000 / 2500 / 3000m
Measurement Speed Range	20 - 300km/h
Net Weight	168 g
Dimensions(mm)	104 x 78 x 30mm



■ BM-LR17



Model	BM-LR17
Magnification	7X
Objective Diameter(mm)	25 mm
Field of View	7.0 °
Measuring Time	0.5 - 1sec
Laser Light Type	905 nm
Exit Pupil Diameter(mm)	3.9 mm
Distance Measure Accuracy	1/-1 M/Y
Angle Measure Accuracy	± 45°
Measurement Range	5 - 600m
Measurement Speed Range	0 - 300Km/h
Net Weight	184 g
Dimensions(mm)	105 X 41 X 72mm
Water Poof	Yes
Scan Mode	Yes

■ BM-LR18 / BM-LR21



Model	BM-LR18	BM-LR21
Magnification	6X	6X
Objective Diameter(mm)	25 mm	21 mm
Field of View	7.0 °	7.2 °
Measuring Time	0.5 - 1sec	0.5 - 1sec
Laser Light Type	905 nm	905 nm
Exit Pupil Diameter(mm)	3.8mm	3.7 mm
Distance Measure Accuracy	1/-1 M/Y	1/-1 M/Y
Angle Measure Accuracy	Yes	Yes
Measurement Range	5 - 600m	5 - 600m
Measurement Speed Range	0 - 300Km/h	0 - 300Km/h
Net Weight	184 g	152 g
Dimensions(mm)	105 X 40 X 73mm	97 X 39 X 73mm