

TECHNICAL SPECIFICATION

Version: 2

Date: 2016.01.19

EVX SERIES

ORDER CODE	37535	37525	37533	37526	37527	37531	37534
MODEL	EVX 10X44i (mil)	EVX 3-12X44i (mil)	EVX 4-16X44i (mil)	EVX 5-20X50i (mil)	EVX 6-24X56i (mil)	EVX 4-16X44F1 (mil)	EVX 6-24X50F1 (mil)

OPTICAL DATA

Magnification (LOW)	10X ±5%	3X ±5%	4X ± 5%	5X ± 5%	6X ± 5%	4X ± 5%	6X ± 5%
Magnification (High)	10X ±5%	12X ±5%	16X ±5%	20X ±5%	24X ±5%	16X ±5%	24X ±5%
Objective Diameter (mm)	44mm	44mm	44mm	50mm	56mm	44mm	50mm
Outer dia. Objective (mm)	53mm	53mm	53mm	59mm	65mm	53mm	59mm
FOV (min.mag) (ft/100yds)	11	36.7	27.2	23	19.4	27.2	19.4
FOV (max.mag) (ft/100yds)	11	9.2	6.8	5.75	4.85	6.8	4.85
Eye Relief (in) (min. - max mag.)	3.8"	3.8" - 3.5"	3.8" - 3.5"	3.8" - 3.5"	3.8" - 3.5"	3.8" - 3.5"	3.8" - 3.5"
Exit Pupil (min. mag.) (mm)	4.4	14.7	11	10	9.3	11	8.3
Exit Pupil (Max mag.) (mm)	4.4	4	2.75	2.5	2.3	2.75	2.1
Diopter Range (dpt)	+2/-2	+2/-2	+2/-2	+2/-2	+2/-2	+2/-2	+2/-2
Parallax Adjustment (yds)	10yds - infinity (100yds pa free)	10yds - infinity (100yds pa free)	10yds - infinity (100yds pa free)	10yds - infinity (100yds pa free)	10yds - infinity (100yds pa free)	10yds - infinity (100yds pa free)	10yds - infinity (100yds pa free)
Travel Per Rotation	4.8 Mil	4.8 Mil	4.8 Mil	4.8 Mil	4.8 Mil	4.8 Mil	4.8 Mil
Elevation adj. range (')	>= 15 mil	>= 15 mil	>= 15 mil	>= 15 mil	>= 15 mil	>= 15 mil	>= 15 mil
Windage adj. range (')	>= 15 mil	>= 15 mil	>= 15 mil	>= 15 mil	>= 15 mil	>= 15 mil	>= 15 mil
Length (mm)	338mm	338mm	362mm	366mm	376.3mm	362mm	376.3mm
Length (in)	13.30 in	13.30 in	14.25 in	14.40 in	14.80 in	14.25 in	14.80 in
Eye Piece Diameter (mm)	44mm	44mm	44mm	44mm	44mm	44mm	44mm
Eye Piece Diameter (in)	1.73	1.73	1.73	1.73	1.73	1.73	1.73
Eye Piece Length (mm)	72.2mm	51.2mm	51.2mm	51.2mm	51.2mm	51.2mm	51.2mm
Eye Piece Length (in)	2.8 in	2 in	2 in	2 in	2 in	2 in	2 in
Mounting Length front (mm)	50mm	50mm	59.3mm	59.3mm	62.8mm	59.3mm	62.8mm
Mounting Length rear (mm)	65mm	58mm	58mm	58mm	58mm	58mm	58mm
Tube Dia. (mm)	30	30	30	30	30	30	30
Weight (g)	693	700	726	765	828	680	751
Weight (oz)	24.40	24.70	25.60	26.98	29.20	23.98	26.5
Coating	Fully Multi-coated	Fully Multi-coated	Fully Multi-coated	Fully Multi-coated	Fully Multi-coated	Fully Multi-coated	Fully Multi-coated

MECHANICAL DATA

Tube Construction	One-piece tube, aircraft aluminum	One-piece tube, aircraft aluminum	One-piece tube, aircraft aluminum	One-piece tube, aircraft aluminum	One-piece tube, aircraft aluminum	One-piece tube, aircraft aluminum	One-piece tube, aircraft aluminum
Elevation Adjustment (value per click)	0.1 mrad	0.1 mrad	0.1 mrad	0.1 mrad	0.1 mrad	0.1 mrad	0.1 mrad
Windage Adjustment (value per click)	0.1 mrad	0.1 mrad	0.1 mrad	0.1 mrad	0.1 mrad	0.1 mrad	0.1 mrad
Turret Style (Elevation)	Push pull lockable	Push pull lockable	Push pull lockable	Push pull lockable	Push pull lockable	Push pull lockable	Push pull lockable
Turret Style (Windage)	Push pull lockable	Push pull lockable	Push pull lockable	Push pull lockable	Push pull lockable	Push pull lockable	Push pull lockable
Surface Finish	Matte Black	Matte Black	Matte Black	Matte Black	Matte Black	Matte Black	Matte Black

Reticle Option

Focal plane (SFP: 2nd focal plane, FFP: 1st Focal)	SFP	SFP	SFP	SFP	SFP	FFP	FFP
Reticle Option	SFPMH10X	SFPMH10X	SFPMH10X	SFPMH10X	SFPMH10X	FFPMH16	FFPMH24
Illumination	6 Steps illumination with off setting in between	6 Steps illumination with off setting in between	6 Steps illumination with off setting in between	6 Steps red illumination with off setting in between	6 Steps red illumination with off setting in between	Not Applicable	Not Applicable
Delivery Include	3" Sidewheel, 3" sunshade, metal flip up covers	3" Sidewheel, 3" sunshade, metal flip up covers	3" Sidewheel, 3" sunshade, metal flip up covers	3" Sidewheel, 3" sunshade, metal flip up covers	3" Sidewheel, 3" sunshade, metal flip up covers	3" Sunshade, metal flip up covers	3" Sunshade, metal flip up covers