

Scope Specs Table

SHORT Scopes — and 3-12x and 3-9x Scopes

Bottom Magni. = 3x or lower

Top Magni. = 9x to 12x (or more magni. if 13" short)

with 10y-Side Parallax

Exposed Turrets

Holdoff Reticle

Under \$500 (most are under \$200-300)

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Requirements for this Table (with a few exceptions)

Bottom magnification = 3x or lower

Top magnification = between 9x and 12x | if a scope has a higher top magnification it is listed
only if the scope is 33cm (13") or shorter

Minimum Parallax = 10 yards or less

Turrets = Exposed

Reticle = Holdoff reticle (evenly spaced hash lines or dots for aiming with holdoff/ holdover;
some exceptions are listed due to their light weight or short size)

Price = between \$200 and \$500 (most are between \$200 and \$300)

Abbreviations in the Table

Green is a good thing... – e.g.: a very good warranty, a wider than average FoV, a higher than average top magnification, a larger than average elevation adjustment range, a shorter size or lighter weight than average, an additional feature (bubble level, turret turn counter, numbers on the hash lines of the reticle), etc.

Red is less of a good thing... – e.g.: a not so great warranty, a narrower than average FoV, a lower than average top magnification, a longer size or heavier weight than average, a small exit pupil [reducing the eye box], or a negative feature (min. parallax more than 10y, capped turrets, higher than the max. price that was set for this scope table, etc.

Orange is a caution flag, a marginal feature or characteristic... – e.g.: warranty limitations, a narrower than average FoV, a smaller than usual objective diameter for less light (supposedly), an uneven number of mils or moas per turret turn [not multiples of 5mil or 10moa], a 34mm tube [limiting scope mount choices], a price so low as to shed doubt on the quality of the scope, etc.

SFP vs. FFP = list starts with SFP (second focal plane) scopes, then first focal plane (FFP)

Price \$ Low = lowest prices in US dollars I found in 2019 (some 2020) [first price, sometimes several separated by commas ,]

Price Mfctr.'s = manufacturer's price [last price in that field, after the semicolon ;]

No. = the manufacturer's product or parts number; helpful to identify the scope at a seller's page as some scopes are very similar and the seller's description is either misleading or insufficient to identify which scope with certainty; also for shopping for the lowest price it helps to enter the number in the search

Discont. = product has been discontinued (but could be purchased used)

IR = illuminated reticle [Y = yes | N = no]

Reticle: D = "dots" = enough dots or hash lines on the crosshairs for holdoffs

N = "numbers" = the dots or hash lines are numbered for quicker holdoffs

Grid = the reticle is a grid style ("Christmas tree style")

BDC = bullet drop compensating reticle, thus not suitable for using holdovers with an airgun, as the spacing between the hash lines is uneven

Capped Turrets! BUT Clickable = means that though the turrets are capped, when uncapped they are finger adjustable, the numbers are visible from behind the rifle, and the zero can be reset

Warranty Info: Life = life time warranty | 5y = 10 years warranty | OOwn = warranty only for the original owner | Unlmt = unlimited warranty | Anyb. = warranty applies to any owner, anybody (e.g., even if you bought it used) | NoRec. = no receipt (proof of purchase) required | Rec. [or: R.] = receipt (proof of purchase) required

A little caution with short scopes: Short scopes have short tubes. That means: • Less flexibility of where to put scope rings, especially if the magazine of a PCP sticks up between a two-part scope rail. • Less flexibility of where to put a voluminous scope ring (like the Burris XTR) that can obstruct your view of the turret settings. • Less space to mount anything else on the scope tube: bubble level, flashlight holder, IR gear, etc.

in 2019, some 2020	Price \$: Low; Mfctr.'s	War- ranty	Sprin- ger- Rated	Magni- fication	FoV = Field of View @ 100y (ft)	Obj. Dia (mm)	Exit Pupil (mm)	IR	Max. Elev. Adjustmt (in MOA)	1 Click =	1 T. Turn =	Turrets in:	Reticle in:	FFP- SFP (Cal- ibration)	Enough Dots, No's	Line Thick- ness	1" or 30mm Tube	Weight (oz) (g)	Length (inch) (cm)	Misc. + Reviewers' "Comments"
Brand: Series	Part No.																			
SFP Scopes																				
Monstrum: V2 Tactical AO No. S31242-M-RGA0-V2-1	?; 100	1y, R. O.Own	?	3-12x	?	42	?	Y	??	1/4 inch	15(?) inch	SMOA≠	≠MIL	SFP	D		30	22.4 635g	11.5" 29c	Capped Turrets! BUT Clickable
Bushnell: AR Optics Rifle Scope	?; 170	Life, NoRec	?	3-12x	29-7	40	?	NO	50 Elev. 85 Wind.	0.1 mil	6 mil	MIL	None! (BDC)	SFP	None! (BDC)		1"	19.0 539g	12" 31c	T Turn Counter
Bushnell: Trophy	130;	Life, NoRec	?	4-12x	29-10	40	?	NO	60	?	?	MIL	None! X-Hairs	SFP	None! X-Hairs		1"	16.4 464g	12.8" 33c	Capped Turrets! specifics unknown
Bushnell: Prime	234; 304	Life, NoRec	?	4-12x		40	?	NO	60		15 moa	MOA	None! X-Hairs	SFP	None! X-Hairs		1"	16.4 464g	12.8" 33c	Wind. Turret Capped
Nikko Stirling: C-More X10 Discont. No. NSCM22044	410; ?	Life, O.Own	?	2-20x	47-5	44	22-2.2 calculated	Y	60	1/4 moa	?	MOA≠	≠MIL	SFP	D	?	30	25.7 730g	13.3" 34c	
MTC: Viper Connect •Ret.: SCB2	400; -	Life ^{30d} ROOwn	No	3-12x	61-17	24	?	Y	120	1/4 inch	12 inch	SMOA=	=MOA	SFP ?x	D	?	30	21.2 600g	11.3" 29c	▲SuperShortEye Relief 1.2" (3cm)
MTC: Viper Connect •Ret.: SCB2 Requires special \$58 mount	400; -	Life ^{30d} ROOwn	No	3-12x	61-17	32	?	Y	120	1/4 inch	12 inch	SMOA=	=MOA	SFP ?x	D	?	30	22.9 650g	11.3" 29c	▲Super Short Eye Relief 1.2" (3cm)

				Magni. → FoV	Obj. → Eye Box	Exposed Turrets			Holdoff Reticle				Dimensions							
in 2019, some 2020	Price \$: Low; Mfctr.'s	Warranty	Springer-Red	Magnification	FoV = Field of View @ 100y (ft)	Obj. ∅ Dia (mm)	Exit Pupil (mm) → Y/ Eyebow	IR	Max. Elev. Adjustmt (in MOA)	1 Click =	1 T. Turn =	Turrets in:	Reticle in:	FFP- SFP (Calibration)	Enough Dots, No's	Line Thickness	1" or 30mm Tube	Weight (oz) (g)	Length (inch) (cm)	Misc. + Reviewers' "Comments"
UTG: Accushot T8 Tactical MOA Reticle <small>No. SCP-3-216UMOA</small>	178; 230	Life	Yes!!	2-16x	44-6	44	22-2.7	Y	??	¼ inch	18 inch	SMOA=	=MOA	SFP 10x	D, N	?	30	22.6 641g	12.4" 32c	
UTG: Accushot OP3 w/ MOA Reticle <small>No. OP3-GM3124UMOA</small>	198; 240	Life	Yes!!	3-12x	32-10	44	13.0-3.9	Y	??	¼ moa	24 moa	MOA=	=MOA	SFP 10x	D, N	?	30	21.0 595g	10.1" 26c	Lockable Turrets
UTG: Accushot OP3 w/ MOA Reticle <small>No. OP3-GM4164UMOA</small>	210; 255	Life	Yes!!	4-14x	26-8	44	11.0-3.0	Y	??	¼ moa	24 moa	MOA=	=MOA	SFP 10x	D, N	?	30	21.5 610g	10.7" 27c	Lockable Turrets
UTG: Accushot Precision <small>No. SCP3-UG312A0IEW</small>	142; 180	Life	Yes!!	3-12x	34-9	44	13.0-3.9	Y	??	¼ moa	???	MOA≠	≠MIL	SFP 10x	D	?	30	22.7 643g	14.0" 36c	Lockable Turrets
UTG: Bugbuster <small>•No. SCP-M312A0WQ = w/ Picatinny r. •No. SCP-M312A0D = w/ Dovetail r.</small>	125; 130	Life	Yes!!	3-12x	31-10	32	10.6-2.7	NO	??	⅓" inch	24 inch	SMOA≠	≠MIL	SFP 10x	D	?	1"	12.7 360g	8.1" 21c	Min. Parallax: 3y Wire reticle
UTG: Bugbuster <small>No. SCP-M392A0D = w/ Dovetail rings</small>	110; 125	Life	Yes!!	3-9x	37-12	32	10.6-3.6	NO	??	⅓" inch	24 inch	SMOA≠	≠MIL	SFP 9x	D	?	1"	12.0 340g	7.9" 20c	Min. Parallax: 3y Wire reticle
UTG: Bugbuster <small>•No. SCP-M392A0IEWQ = red-green-blue IR + Picatinny rings Right side turret is IR! •No. SCP-M392A0LWQ = 36-color IR + Picatinny rings</small>	79; 108	Life	Yes!!	3-9x	38-14	32	10.6-3.6	Y	??	¼" inch	18 inch	SMOA≠	≠MIL	SFP 9x	D	?	1"	14.0 397g	8.2" 21c	Min. Parallax: 3y ▲Front Parallax! Wire reticle
UTG: Bugbuster <small>No. OP3-GM3936TMOAB</small>	New in 2020	Life	Yes!!	3-9x	34-11	36	12-4	Y	??	½" moa	32? moa	MOA=	=MOA	SFP 9x	D, (N)	?	30	17.2 488g	8.2" 21c	Min. Parallax: 3y (etched glass reticle) Bubble Level
Optisan: EVX 3-12X44i (MIL-MH10X)	380; 430	Life	?	3-12x	37-9	44	14.7-4.0	Y	50	0.1 mil	4.8 mil!!!	MIL =	=MIL	SPF 10x	D, (N)		30	27.7 700g	13.3" 34c	T Revolution uneven 4.8 mil!
Hawke: Airmax 30 SF AMX IR <small>No. 13 300</small>	374; 429	Life, OOwn	Yes!!	3-12x	31-8	50	17.0-4.0	Y, N	95	¼ moa	15 moa	MOA≠	≠MIL	SFP	D	?	30	27.5 780g	13.6" 35c	
Vector: Veyron SFP <small>No. SCUM-24</small>	169; ?	5y	Yes!!	3-12x	35-9	44	14.6-3.6	N O	58	0.1 mil	6 mil	MIL =	=MIL	SFP	D	?	30	17.6 500g	9.7" 25c	Eye Relief: 9.0-8.5cm
Discovery: VT-3 3-12x44 SFP <small>No. ????</small>	? 180	3y	Yes	3-12x	35-9	44		N O	60	0.1 mil	6 mil	MIL =	=MIL	SFP	D, N	?	30	18.4 521g	10.0" 25c	Locking Turrets Eye Relief: 9-8.5cm
Athlon: Talos Mildot <small>No. 215004</small>	150; 180	Life, NoRec	?	3-12x	34-9	40	13.6-3.4	N O	67	0.1 mil	6 mil	MIL =	=MIL	SFP	D	.05"mi .17"mo	1"	16.2 459g	12.0" 30c	Capped Turrets! BUT Clickable. T Turn Counter
Sightron: S-TAC 30MM <small>No. 793139-260130</small>	300; 390	Life	Yes!!	3-16x	32-6	42	?	N O	70	¼ moa	15 moa	MOA=	=MOA	SFP 16x	D		30	23.5 666g	12.9" 33c	Capped Turrets! BUT Clickable T Turn Counter
Bushnell: Engage <small>No. REN21044DG</small>	250; 343	Life, NoRec	?	25-10x	45-11	44	17.6-4.4	N O	50	¼ moa	15 moa	MOA=	=MOA	SFP	D		30	19.3 547g	13.5" 35c	
Bushnell: Engage <small>No. REN31242DG</small>	243; 328	Life, NoRec	?	3-12x	30-6	42	?	N O	50	¼ moa	15 moa	MOA=	=MOA	SFP	D		30	19.5 553g	14.0" 36c	
Riton: MOD5 GEN2 Wide FoV <small>No. 019962523861</small>	420; 520	Life, NoRec	?	4-16x	29-8	50	12.5-3.1	Y	80	¼ moa	15 moa	MOA=	=MOA	SFP 16x	D		30	23.0 652g	12.0" 30c	Capped Turrets! BUT Clickable
Hawke: Airmax 30 Touch <small>No. 13 260</small> Eye Relief 1.2"/ 3cm	?; 450	Life, OOwn	Yes!!	3-12x	64-18 super wide	32	10.7-2.7	Y	250	0.1 mil	6 mil	MIL =	=MIL	SFP 10x	D	?	30	20.2 572g	10.5" 27c	Capped Turrets! BUT Clickable, Large. T Turn Counter
Hawke: Airmax 30 SF Compact <small>No. 13 200</small>	329; 360	Life, OOwn	Yes!!	3-12x	44-11	40		Y	100	0.1 mil	5? mil	MIL =	=MIL	SFP 10x	D	?	30	20.8 589g	10.9" 28c	Capped Turrets! BUT Clickable T Turn Counter
Hawke: Airmax 30 SF Compact <small>No. 13 210</small>	340; 380	Life, OOwn	Yes!!	4-16x	33-8	44	13-3.0	Y	67	0.1 mil	5? mil	MIL =	=MIL	SFP 10x	D	?	30	21.9 621g	11.7" 30c	Capped Turrets! BUT Clickable T Turn Counter

				Magni. → FoV		Obj. → Eye Box			Exposed Turrets				Holdoff Reticle				Dimensions				
in 2019, some 2020	Price \$: Low; Mfctr.'s	War-ranty	Spring-er-Rated	Magni-fication	FoV= Field of View @ 100y (ft)	Obj. Dia (mm)	Exit Pupil (mm) → Y/ Eyebox	IR Y/ N	Max Elev. Adjustmt (in MOA)	1 Click =	1 T. Turn =	Turrets in:	Reticle in:	FFP- -SFP (Cali-bration)	Enough Dots, No's	Line Thick-ness	1" or 30mm Tube	Weight (oz) (g)	Length (inch) (cm)	Misc. + Reviewers' "Comments"	
				FFP Scopes																	
Monstrum: FFP-G1 No. FFPS3940-R	?; 190	1y, R. O.Own	?	3-9x	?	40	?	Y	??	¼ moa	15 moa	MOA	None! (BDC)	FFP	None! (BDC)		30	22.0 624g	10.8" 27c	Locking, Low Profile Turrets	
Monstrum: FFP-G1 No. FFPS41444-M	?; 200	1y, R. O.Own	?	4-14x	?	44	?	Y	??	0.1 mil	6 mil	MIL =	=MIL	FFP	D, N		30	26.0 737g	13.0" 33c	T Turn Counter	
Discovery: HS: 4-14x44 FFP No. 170402	200; 280	3y	Yes	4-14x	26-8	44	11-3.1	N O	55	¼ moa	15 moa	MOA =	=MOA	FFP	D, N	?	30	25.0 750g	13.0" 33c	x ".50 caliber rated"	
Discovery: HS: 4-14x44 FFP No. ?????????	210; 290	3y	Yes	4-14x	?	44	10.9-3.1	N O	53	0.1 mil	6? mil	MIL =	=MIL	FFP	D	?	30	20.0? 568g	????? 33c	x ".50 caliber rated"	
Discovery: HI: 4-14x44 SF FFP No. 170209	330; ?	3y	Yes	4-14x	26-8	44	?	N O	53	0.1 mil	6 mil	MIL =	=MIL	FFP	D	?	30	26.5 750g	13.0" 33c	Angle Indicator, MIL Range Finder	
Discovery: ED: 4-16x50 SF No. 171103	360; ?	Life (yED)	Yes	4-16x	31-8	50	10.0-3.1	N O	80	0.1 mil	6 mil	MIL =	=MIL	FFP	D, N	?	30	22.1 625g	12.2" 31c	Eye Relief: 10.0-8.5cm	
Vector: Veyron FFP No. SFP-22	?; 259	5y	Yes	4-16x	26-6	44	11.0-2.7	N O	60	0.1 mil	6 mil	MIL =	=MIL	FFP	D	?	30	20.0 570g	10.6" 27c	Locking Turrets Eye Relief: 9.0-8.5cm	
Discovery: VT-3: 4-16x44 SF (≠ 50mm!) No. ?????????????????	192; 280	3y	Yes	4-16x	26-7	44	10.0-2.8	N O	60	0.1 mil	6 mil	MIL =	=MIL	FFP	D	?	30	19.4 550g	10.6" 27c	Good for Turret Bonnets (6 holes) Locking Turrets Eye Relief: 9.0-8.5	
Vector: Veyron FFP No. SFP-21	229; ?	5y	Yes	3-12x	35-9	44	14.6-3.6	N O	58	0.1 mil	6 mil	MIL =	=MIL	FFP	D	?	30	17.6 499g	9.7" 25c	Locking Turrets Eye Relief: 9.0-8.5cm	
Discovery: VT-3: 3-12x44 SF No. 170610	189; 229	3y	Yes	3-12x	35-9	44	?	N O	60	0.1 mil	6 mil	MIL =	=MIL	FFP	D	?	30	18.4 521g	10.0" 25c	Good for Turret Bonnets (6 holes) Locking Turrets Eye Relief: 9.0-8.5cm	
US Optics: TS-12x •Ret.: MHR MIL Hunting Reticle, not Triplex	450; 595	Life, Anyb.		3-12x	30-8	44	?	N O	100	0.1 mil	6 mil	MIL =	=MIL	FFP	D, N	?	30	18.1 513g	9.6" 24c	Locking Turrets Eye Relief: 9.1-7.6cm	
Athlon: Talos BTR No. 215028	290; ?	Life, NoRec	Yes!!	4-14x	27-8	44	11.2-3.3	Y	67	0.1 mil	5 mil	MIL =	=MIL	FFP	D, N	.025 ^{mi} .08 ^{mo}	30	23.6 669g	12.9" 33c		
Swampfox: Kentucky Long	418; 500	Life (50000 rounds)		2-12x	54-9	44	8.9-2.6	Y	120	0.1mi ¼mo	6 mi 15mo	MIL = or =	=MIL or =	FFP	D, N, Grid		30	24.0 680g	12.4 32c	Locking Turrets	
Falcon: S18i FFP → For comparison only 2019	343; 380	10y, OOwn	Yes!!	3-18x	42-7	50	16.7-2.8 calic.	Y	90	0.1 mil	10 mil	MIL =	=MIL	FFP	D, N	.14 ^{mo} .04 ^{mi}	30	31.1 882g	14.6" 37c	T Turn Counter	
Brand: Series	Price \$ Low; Mfctr.'s	War-ranty	Spring-er-Rated	Magni-fication	FoV= Field of View @ 100y (ft)	Obj. Dia (mm)	Exit Pupil (mm) → Y/ Eyebox	IR Y/ N	Max Elev. Adjustmt (in MOA)	1 Click =	1 T. Turn =	Turrets in:	Reticle in:	FFP- -SFP (Cali-bration)	Enough Dots, No's	Line Thick-ness	1" or 30mm Tube	Weight (oz) (g)	Length (inch) (cm)	Misc. + Reviewers' "Comments"	
				Magni. → FoV		Obj. → Eye Box			Exposed Turrets				Holdoff Reticle								