

TWS-3075 Thermal Weapon Sight



TWS-3075 is a high performance thermal weapon sight for medium to long range engagements. It utilizes "fast" 75mm objective lens that is paired to high sensitivity FPAs to deliver outstanding detection ranges of up to 7,000 metres. TWS-3075 is manufactured in Canada according to strict military standards. Its body is made out of hard anodized, high strength aircraft grade aluminum to ensure maximum durability. Outstanding technical

characteristics and numerous unique features and options make weapon sights TWS-3075 a true professional choice.

Features: High resolution uncooled FPAs; quick swap battery packs; low power consumption; completely silent system operation; rugged and durable; unauthorized location protection - lowest heat dissipation; video-out for external display and recording; manual and automatic FPA sensitivity adjustment; manual display brightness adjustment; Black Hot / White Hot polarity control; high precision Aluminum hard-anodized body; external battery pack compatibility; fits any standard 1913 Picatinny rails; dust and waterproof

TWS-3075 specifications and accessories:

Parameter	ADVANCED LINE		PROFESSIONAL LINE		ELITE LINE	
	TWS-3075DX-384	TWS-3075DX-640	TWS-3075CG	TWS-3075CG-17	TWS-3075XL	TWS-3075XL-17
Objective lens focal length, mm	75					
Objective lens F-number	f/1.3				f/1.0	
Spectral response	8 – 12 μ m					
FPA material	ASi uncooled					
FPA resolution, pixels	384x288	640x480	384x288	640x480	384x288	640x480
FPA sensitivity, mK	60	65	50	60	50	60
FPA refresh rate, Hz	50	25	50	25	60	30
Field of view, °	12x9					
Auto-off feature	NO		Included			
Stadiametric rangefinder	NO		Included			
Reticles	8		8 + 8			
Optical magnification	3x					
Digital zoom	2x,4x					
Diopter adjustment	-6...+2					
Power	4xAA					
Battery life, hours	Up to 11	Up to 10	Up to 14	Up to 12	Up to 14	Up to 12
DRI (human), km	1.36/0.61/0.385	1.98/0.79/0.4	1.5/0.725/0.415	1.2/0.85/0.43	1.9/0.95/0.63	2.76/1.38/0.9
DRI (vehicle), km	3.1/1.37/1.0	4.61/2.46/1.2	3.2/1.5/1.1	4.8/2.6/1.3	4.76/2.38/1.58	7.0/3.5/2.3
Dimensions, mm	240x90x90				240x100x90	
Weight, g	1.05				1.08	
Limited warranty	7 years Limited					
AA batteries	4 included				8 included	
Battery packs	2 included				3 included	

TWS-3075 specifications and accessories (continued):

Parameter	TWS-3075DX-384	TWS-3075DX-640	TWS-3075CG	TWS-3075CG-17	TWS-3075XL	TWS-3075XL-17
Soft case	Included					
Video Out cable RCA	Included					
Low profile weapon mount	Included		NO			
MAK weapon mount	NO		Included			
Intelligent Picture Enhancement	NO		Included			
Hard waterproof case	Optional				Included	
Stow Safety Feature	NO		Optional		Included	
Remote control	NO		Optional		Included	
Recoil absorbing mount	Optional				Included	
Video-out to USB	Optional					
Head mounted display	Optional					