

TIM-14 THERMAL IMAGING MULTI-USE MINI MONOCULAR

PARAMETER	TIM-14
F.P.A. Material	Microbolometer, Uncooled
Spectral Responce	7-14 um
F.P.A. Format	160 x 120
Thermal Sensitivity	<50mK
Refresh Rate	30 Hz
Start-Up Time	~2.5 sec.
Interface & Controls	USB 2.0
Display Type and Resolution	640 x 480 (SVGA color)
Video-Out Signal Resolution	640 x 480 NTSC
"Cross Hair" reticle	Optional
Lens Type	Germanium 8.5, 16 or 25 mm
FOV	32 x 24, 17 x 12 or 11 x 8 deg.
Magnification	1X, 1.4X or 1.7X
Diopters Adjustments	+/-6
Detection of Human Figure	~500 m
Detection Range of Idling Car	~1000 m
Polarity Control	White Hot/Black Hot *optional colorization
ZOOM Control	Digital 2X
Gain/Level control	Automatic with Enhanced Image Processing
Display Brightness Control	Manual, prevents "night blindness"
Powered By	CR123 lithium batteries, 2 pcs.
Continuous Operation time on one bat- teries set.	Up to 4 hours,
External Power	Optional Battery Pack, 12 V DC, 110-250 V AC
Weight	400 Grams w/o batteries
Dimensions	125 x 72 x 65 mm
Head, Helmet, Weapon Mountable	Yes, optional

TIB-5 THERMAL IMAGING LONG RANGE BIOCLULAR

PARAMETER	TIB-5
F.P.A. Material	Microbolometer, Uncooled
Spectral Responce	7-14 um
F.P.A. Format	320 x 240
Thermal Sensitivity	<50mK
Refresh Rate	30 Hz
Start-Up Time	~4 sec.
Interface & Controls	USB 2.0
Display Type and Resolution	640 x 480 (SVGA color)
Video-Out Signal Resolution	640 x 480 NTSC
"Cross Hair" reticle	Yes
Lens Type	Germanium 50 mm
FOV	12 x 9 deg.
Magnification	2.5X
Diopters Adjustments	+/-6
Detection Range of Human Figure	~1000 m
Detection Range of Idling Car	~2000 m
Polarity Control	White Hot/Black Hot *optional colorization
ZOOM Control	Digital 2X or 4X *total up to 8X
Gain/Level control	Automatic with Enhanced Image Processing
Display Brightness Control	Manual, prevents "night blindness"
Powered By	Built in Li-Ion Rechargeable Batteries
Continuous Operation time on one charge/batteries set.	Up to 8 hours Up to 1000 charge cycles
External Power	Optional Battery Pack, 12 V DC, 110-250 V AC
Weight	1000 Grams w/o Mount
Dimensions	210 x 110 x 70 mm
Tripod Mountable	yes

TIG-7 THERMAL IMAGING BIOOCULAR AND GOGGLES

PARAMETER	TIG-7
F.P.A. Material	Microbolometer, Uncooled
Spectral Responce	7-14 um
F.P.A. Format	160 x 120
Thermal Sensitivity	<50mK
Refresh Rate	30 Hz
Start-Up Time	~2.5 sec.
Interface & Controls	USB 2.0
Display Type and Resolution	640 x 480 (SVGA color)
Video-Out Signal Resolution	640 x 480 NTSC
"Cross Hair" reticle	Optional
Lens Type	Germanium 8.5, 16 or 25 mm
FOV	32 x 24, 17 x 12 or 11 x 8 deg.
Magnification	1X, 1.4X or 1.7X
Diopters Adjustments	+/-6
Detection of Human Figure	~500 m
Detection Range of Idling Car	~1000 m
Polarity Control	White Hot/Black Hot *optional colorization
ZOOM Control	Digital 2X
Gain/Level control	Automatic with Enhanced Image Processing
Display Brightness Control	Manual, prevents "night blindness"
Powered By	AA lithium/rechargeable batt., 2 pcs.
Continuous Operation time on one batteries set.	Up to 3 hours,
External Power	Optional Battery Pack, 12 V DC, 110-250 V AC
Weight	450 Grams w/o batteries
Dimensions	150 x 145 x 70 mm
Head, Helmet, Weapon Mountable	Yes, optional

TWS-37 THERMAL IMAGING WEAPONSIGHT

PARAMETER	TWS-37
F.P.A. Material	Microbolometer, Uncooled
Spectral Responce	7-14 um
F.P.A. Format	320 x 240
Thermal Sensitivity	<50mK
Refresh Rate	30 Hz
Start-Up Time	~4 sec.
Interface & Controls	USB 2.0
Display Type and Resolution	640 x 480 (SVGA color)
Video-Out Signal Resolution	640 x 480 NTSC
"Cross Hair" reticle	Yes
Lens Type	Germanium 50 mm
FOV	12 x 9 deg.
Magnification	2X
Diopters Adjustments	+/-6
Detection Range of Human Figure	~1000 m
Detection Range of Idling Car	~2000 m
Polarity Control	White Hot/Black Hot *optional colorization
ZOOM Control	Digital 2X or 4X *total up to 8X
Gain/Level control	Automatic with Enhanced Image Processing
Display Brightness Control	Manual, prevents "night blindness"
Powered By	Built in Li-Ion Rechargeable Batteries
Continuous Operation time on one charge/batteries set.	Up to 8 hours Up to 1000 charge cycles
External Power	Optional Battery Pack, 12 V DC, 110-250 V AC
Weight	1100 Grams w/o Mount
Dimensions	210 x 110 x 70 mm
"Elcan" type weaponmount	MIL-STD Picatinny Included