

C4i *communication*

EXPERIENCE THE DIFFERENCE
YOUR SECURITY & SAFETY PRODUCTS

C4i-TTA100 THERMAL ATTACHMENT



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Defence & Security, Law enforcement

C4I-TTA 100 Thermal Attachment can be used as a hand-held or weapon mounted system for observation, target detection or passive target acquisition during day and night in variety of environmental conditions, including fog, rain, snow, smoke, total darkness.



C4I-TTA 100 is an outstanding thermal imager with a great number of functions and perfect optical performance.

The sophisticated design of the **C4I-TTA 100** Thermal Attachment eliminates the need to remove the day sighting equipment since the **C4I-TTA 100** mounts directly in line with a standard day optical sight.

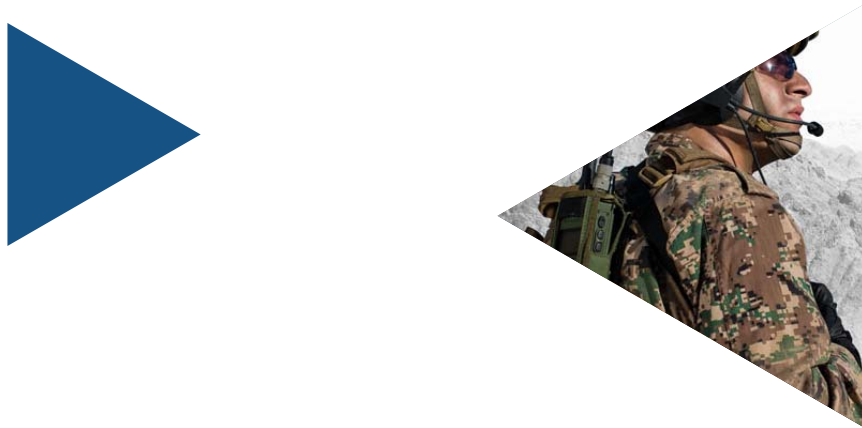
Such a combination allows the soldier to avoid re-zeroing the rifle every time the sight set up is changed, since the primary sight remains undisturbed. The point of impact remains the same no matter how often or how many times the clip-on is mounted.





TECHNICAL CHARACTERISTICS		C4I-TTA 100
FOCAL PLANE ARRAY	Type	Microbolometer
	Pixel Count (Resolution)	640x480
	Pitch size	17 μm
	Spectral Response	7 ÷ 14 μm
	Thermal Sensitivity (NETD)	< 50 mK @ F/1.0
THERMAL IMAGING PERFORMANCE	Brightness / Contrast	Automatic / Advanced Image Processing
	Image Polarity	User Selectable White Hot / Black Hot
	Menu	OSD
	NUC	Automatic / Manual
OPTICS * Given values are nominal. Actual values could be within ±5% tolerance	Focal Length of Objective Lens	100 mm
	F/#	1.25
	Focus	Manual with extended remote focusing shaft, located on the backside
	FOV	6.2°(H) X 4.6°(V)
	Material and coating	Germanium hard carbon coating on the external surface
VIDEO	Analog Video Output Format	CCIR (PAL) or RS-170 (NTSC)
	Display Type	OLED 800x600
	Digital zoom	x2, x4
EXTRAS	Leveler	Built-in electronic leveler
	Snapshot	Built-in memory for 20 images
POWER	Power Source	2x 18650 Li Ion rechargeable batteries
	Operating time	~ 6 Hours Continuous @ 25°C with 2x18650 Li Ion rechargeable batteries.
STATIC RANGE PERFORMANCE *NOTE: The distances defined are calculated in geometrical values only human (1.8x0.5m), vehicle (2.3x2.3m), not accounting the atmospheric conditions.	Human Detection Range*	>2600m
	Human Recognition Range*	>900m
	Vehicle Detection Range*	>6700m
	Vehicle Recognition Range*	>2200m
ENVIRONMENTAL CHARACTERISTICS *Environmental tests are according to MIL-STD-810G	Operating Temperature Range	-30°C to +50°C
	Storage Temperature Range	-50°C to +60°C
	Mechanical and climatic tests	According to MIL-STD-810G
	IP Protection rating	IP 66/IP 67 optional
PHYSICAL CHARACTERISTICS	Weight without accessories	<1380g





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FOR MORE INFORMATION: contact@c4icommunication.com or +1 (302)9811340