

Specifications:

	Model	TCIS11	TCIS12	TCIS13
Camera	Camera type	Fix single thermal camera		
	Sensor type	LWIR, uncooled a-Si micro-bolometer		
	Resolution	384x288	640x480	1024x768
	Pixel pitch	17µm.	17µm.	17µm.
	Sensitivity NETD	<40mK@f/1,0 50Hz. 300K		
	Lens f. number *	Base in the lens selection, available lenses from 4,8-60mm.		
	Spectral range	8-14µm.		
	Application	Security, radiometric		
	Color palette	10 colors		
	Image setting	AGC, Level/span, Mirror, Flip, Invert, Image filter, screen menu		
	Zoom	2X, 4X, Digital zoom, also available optical zoom (zoom lenses)		
	Focus	Athermal (focus free), manual, motorized, auto-focus, base in lens type		
Video	Compression	H.264, MJPEG		
	Frames/Second	Max 30fps.		
	Analogue video	BNC output		
	Bitrate setting	VBR, CBR 192kbps-45Mbps		
	Standard	Onvif 2.5, Profile S		
	Video analytics	Virtual lines, polygons, object classification, direction		
Network	Network	1x RJ45 10/100 - Giga Ethernet (radiometric models)		
	Network protocol	HTTP, HTTPS, RTP/RTSP, TCP/IP, FTP, Telnet, SNMP, DHCP, NTP, SMTP		
	Web browser	IE6 and above, web interface		
	Remote admin	Web based setup		
General	VMS	Included 16 Ch. (With temperature alarms in radiometric models)		
	Housing	Aluminum casting, including bracket		
	Waterproof	IP66		
	Salt-proof	Yes		
	Heater/defroster	Yes		
	Serial port	RS485		
	Power	DC12v./ and POE		
	Power demand	DC 6,5W., 1 Amp.		
	Working Temp.	-15°/60°C. / 10-90% RH		
	Weight	4600gr. (Without lens, including housing)		
Dimension	530x180x230mm.			

Optional Lenses:

Optional Lenses	Focal length	f. Number	Focus type
	4.8mm **	f1.0	Manual
	8.0mm **	f1.0	Fixed, manual
	12.0mm **	f1.0	Fixed, manual or motorized
	20.0mm	f1.0	Fixed, manual or motorized
	35.0mm	f1.0	Fixed, manual or motorized
	50.0mm	f1.0	Fixed, manual or motorized
	60.0mm	f1.0	Fixed, manual or motorized
	15-60mm.	f1.0	Motorized or autofocus

*Tanz reserves the right to change any specification or image without previous notice.

** Lens not suitable to 1024x768 resolution.

90&RRIFKDE&OVRQHPDQ

THERMAL VIDEO ANALYTIC DETECTION DISTANCES

Distance	Resolution	Field of View	Temperature Accuracy
10m	1024x768	10°	±0.5°C
20m	1024x768	5°	±0.5°C
30m	1024x768	3.3°	±0.5°C
40m	1024x768	2.5°	±0.5°C



Tanz Security, Spain
Gran Vía 19-21 2 planta
48001 Bilbao, Spain

Tanz Security, Taiwan
9F., No. 1095 Yucheng Road
Gushan Dist., Kaohsiung
80458 Taiwan

www.tanzsecurity.com
info@tanzsecurity.com
Tel: +886 905 186 990 (Support)
Skype: tanz-support