

MOBOTIX 7 Sensor Modules: Thermal ECO in comparison with other thermal modules

Model	P7 Thermal ECO Module	Other P7 thermal modules	Other P7 Thermal Radiometry Modules
Form factor	One mold for M73/S74 (size like optical MOBOTIX 7 sensor modules)	Three special forms (Thermal, PTMount Thermal, with front plate for M73)	Three special forms (Thermal, PTMount Thermal, with front plate for M73)
Detectable temperature range NETD	-40 to 330°C < 65 mK	-40 to 550°C 50 mK	-40 to 550°C 50 mK
Images/second	9 Hz	9 Hz standard (25 Hz on request)	9 Hz standard (25 Hz on request)
Thermal resolution	320 x 240	CIF: 336 x 252 VGA: 640 x 512	CIF: 336 x 252 VGA: 640 x 512
Lens angle (horizontal)	56°, 105°	CIF: 17°, 25°, 45° VGA: 32°, 45°, 69°, 90°	CIF: 17°, 25°, 45° VGA: 32°, 45°, 69°, 90°
thermal overlay	--	Yes	Yes
MxActivitySensor	Yes	Yes	Yes
Temperature measurement: Center Spot / Thermal Radiometry TR	-- / -	Yes / -	Yes / Yes
Event: Temperature range	--	--	Yes
Events: Rapid temperature rise	--	--	Yes
Export of Thermal RAW data	Yes (on request)	--	Yes