

GV-TMEB5800

Thermal & Optical Eyeball Dome Camera



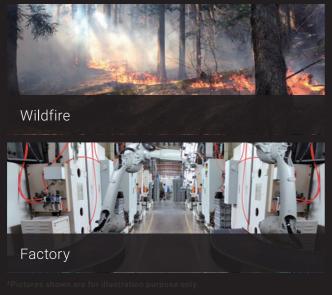


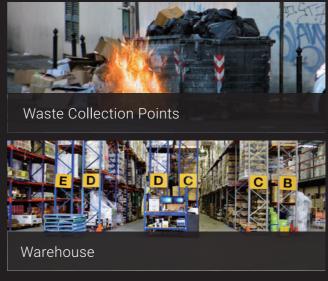






Suitable Areas





Datasheet

Camera - Thermal		
Image Sensor		Vanadium oxide uncooled focal plane detector
Picture Elements		256 (H) x 192 (V)
Pixel Size		12 um
Thermal Sensitivity		≤ 50 mK (@25°C, F#=1.0)
Spectral Range		8 ~ 14 um
Gain Control		Auto, Manual
Focal Length		3.2 mm
Maximum Aperture		F/1.1
Horizontal FOV		56°
Min. Focusing Distance		0.5 m (1.5 ft)
Color Palettes		Black hot, White hot, Iron Oxide Red, Rain Bow, Lava
Camera - Optical		
Image Sensor		1/2.7" progressive scan CMOS
Picture Elements		2592 (H) x 1944 (V)
Minimum	Color	0.02 Lux (F1.6, AGC ON)
Illumination	IR On	0 Lux
Shutter Speed		Auto / Manual (1/3 ~ 1/100000 sec)
White Balance		Auto / Manual
Gain control		Auto / Manual
S/N Ratio		50 dB
WDR		WDR Pro
Dynamic Range		Up to 120 dB
Megapixel		5MP
Day / Night		Yes (with removable IR-cut filter)
Lens Type		Fixed
Focal Length		4 mm
Maximum Aperture		F/1.6
Mount		M12
Horizontal FOV		81°
Operation	Focus	
	Zoom	Fixed
	Iris	
IR LED Quantity		2 IR LEDs
Max. IR Distance		30 m (100 ft)
Observation Rang		
Detection	Human(1.8 x 0.5 m)	80 m (260 ft)
	Car(1.4 x 4.0 m)	230 m (750 ft)
Recognition Identification	Human(1.8 x 0.5 m)	25 m (80 ft)
	Car(1.4 x 4.0 m)	55 m (180 ft)
	Human(1.8 x 0.5 m)	10 m (30 ft)
	Car(1.4 x 4.0 m)	30 m (95 ft)
Deep Learning Function		
Al Perimeter Protection	Thermal	Fire Detection, Temperature Exception Alarm, Line Crossing, Region Intrusion
	Optical	Region Intrusion, Line Crossing, Region Entrance, Region Exiting, Target Counting,
		(Human & Vehicle classification), Face Detection, Face Capture
		Video Exception Detection (Scene Change, Video Blue, Video Cast Detection)

Note: 1. Specifications are subject to change without notice.
2. Detailed datasheet available online



Europe Vision Systems s.r.o.
Drtinova 557/8 Prague 5, 15000 Czech Republic
Tel. +420-222-224-309
Web. www.geovision.com.tw
Email. sales@geovision.eu

