



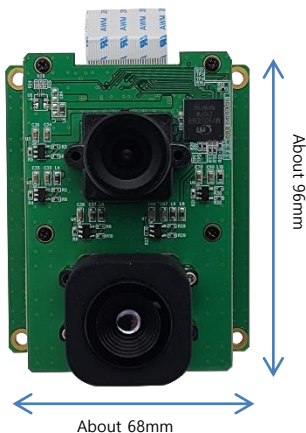
**VISIBLE & LWIR THERMAL DUAL MODE /
LWIR 256x192 / CMOS 1920x1080 / ONVIF /
WIDE FOV / ALARM / POE / IP67
DUAL LWIR THERMAL NETWORK CAMERA**

HT-TF2

FEATURES

- Visible Sensor : 1/2.8" 2.13M Progressive Scan CMOS
- LWIR Sensor : 256x192 Pixels, LWIR (8~14um)
- Thermal Network Camera with Visible Sensor
- FOV(Field of View) : 42.0°(H)×32.1°(V)
- Temperature Range :
 - Basic Mode -20 °C to 120 °C
 - Extended Mode +100°C ~ +450°C
- Noise Equivalent Temperature Difference (NETD) :
Detector NETD < 60mk@f#1.0
- Accuracy :
 - Basic Mode : ±2°C/±2%
 - Extended Mode : ±3%
- Conformant with ONVIF Profile-s
- PTZ(Optional), Alarm Control
- IP67 Weatherproof
- PoE (802.3af)
- Option : FOV(Field of View) 90.0°(H)×62.5°(V)

DIMENSION



SPECIFICATIONS

	HT-TF2
Signal Format	NTSC/PAL (Selectable)
Visible Image Sensor	1/2.8" 2.13M Progressive Scan SONY CMOS
Visible Total Pixels	1945(H) x 1109(V) = 2,157,005 (Pixels)
Visible Effective Pixels	1945(H) x 1097(V) = 2,133,665 (Pixels)
Visible Sensor Pixel Size	2.9um x 2.9um
Visible Minimum illumination (F1.2)	Color : 0.5 B/W : 0.1 Lux
Visible Iris Control	MANUAL
LWIR Total Pixels	256(H) x 192(V) = 49,152 (Pixels)
LWIR Sensor Pixel Size	12um x 12um
LWIR Spectral Range	LWIR, Wavelength (8 ~ 14um)
Palette	White-hot / Black-hot / Palette
FOV (Field of View)	42.0°(H)×32.1°(V)
Temperature Range	-20 °C ~ 120 °C
Thermal Sensitivity (NETD)	Detector NETD<60mk@f#1.0
Video Output Mode	Main Stream : H.264 Sub Stream : H.264 / MJPEG
Video Resolution	Main stream 30fps : 1920x1080, 1280x720 Sub stream 30fps : 640 x480
Bit Rate Control	CBR / VBR
Ethernet	RJ45 10M/100M self -adaptive Ethernet port
Network Protocol	TFP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNC, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6
Standard	ONVIF (PROFILE S), Dual Stream
Day & Night	AUTO
Lens Mount Type	Board-in
Power Supply	DC 12V (±10%), PoE (802.3af)
Power Consumption	LED Off : Max. 3.5W / LED On : Max. 12.0W
Operating Temperature	-10°C ~ +50°C
Operating Humidity	Less than 90%
Dimension	68.0(W) x 96.0(H) x 83.0(D) mm
Weight	Approx. 1.2kg

* In accordance with customers' request, the specifications can be fixed or changed without notice.

