

P3T6522E2-F Temperature Measuring Camera with Face Detection

www.meritlilin.com



Dual Lens



Temperature Measurement



Face Temperature



Face Detection



1080P HD



PoE



Adapter



- ▶ Dual lens design, provide temperature information and color image information
- ▶ Support high temperature alert setting, when temperature exceed defined temperature will trigger alarm
- ▶ Support multi-point high temperature alarm setting, trigger alarm when multiple areas exceed the set temperature
- ▶ Support face area temperature detection to avoid alarm events caused by non-face area temperature
- ▶ Supports high-precision face temperature measurement within a distance of 50 ~ 80 cm
- ▶ Support to set the temperature range of the measured object, and the basic temperature adjustment settings
- ▶ Support multiple alarm output and Smart Event logic output
- ▶ Provide ¼ inch PTZ adapter, can be used with camera tripod
- ▶ Support PoE and DC 12v power supply to reduce wiring problems
- ▶ Provide complete API to integrate temperature and alarm information

Dimensions
Ø115 × 91 mm

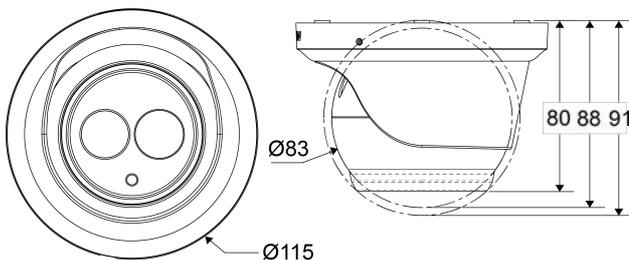
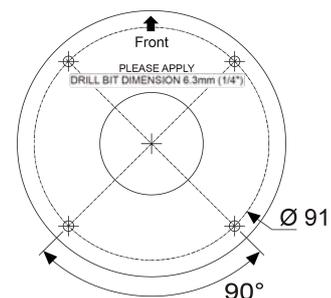


Diagram of mounting holes:(unit in mm)



1080p Temperature Measuring IP Dome Camera with Face Detection

Video Performance

Model	P3T6522E2-F
Min. Illumination	Color : 0.01 Lux at F2.0

Power and Environment

Starting Temperature	0°C – +40°C (32°F – 105°F)
Operating Temperature	0°C – +40°C (32°F – 105°F)
Storage Temperature	-25°C – +60°C (-13°F – 140°F)
Humidity	0% – 90% RH
Power Supply	DC12V ±10% / PoE (IEEE 802.3af compliant)
Power Consumption	DC12V, 4.3W / PoE, 5.2W
High Accuracy Measurement Operating Temperature	+20°C ~ +30°C (+68°F ~ +86°F)
High Accuracy Temperature Range of The Measured Object	+25°C ~ +45°C (+77°F ~ +113°F)
High Accuracy of Measured Object Distance Range	50 cm ~ 80 cm (19.68 inch ~ 31.49 inch)
Low Accuracy Measurement Operating Temperature	+20°C ~ +40°C (+68°F ~ +104°F)
Low Accuracy Temperature Range of The Measured Object	-20°C ~ +120°C (-4°F ~ +248°F)
Low Accuracy of Measured Object Distance Range	50 cm ~ 200 cm (19.68 inch ~ 78.74 inch)

Lens

Focal Length	2.8mm
Iris	F2.0
Iris Control	Fixed IRIS
Angle of View	82.1° (H) 45.6° (V) 95.1° (D)

Sensor

Pick Up Element	1/2.8" CMOS image sensor
Effective Pixels	1945 (H) × 1097 (V) = 2,133,665 (Pixels)
Light Sensor	Yes

Temperature Sensor

Sensor Element	16*16 Thermopile Array Sensor
Effective Pixels	16*12 Effective Pixels
Maximum Frame Rate	4 FPS Max
Angle of View	82.1° (H) 45.6° (V)

Video Streaming

Video Compression	H.265/HEVC main profile, H.264 main and high profile , Motion JPEG
Video Streaming	RTP/HTTP, RTP/TCP, RTP/UDP, Multicast 4 configurable streams in H.265 and H.264 and Motion JPEG, configurable frame rate and bandwidth
Number of Streams	4
Video Bitrate	128Kbps – 12Mbps; Frame rate and bit rate controllable on-the-fly; VBR / CBR / GOP supported, Fixed bitrate, Smart H.264/H.265

Video Resolutions (H x V)

Resolution	2MP(1920 × 1080), 1.3MP(1280 × 960), 1MP(1280 × 720), D1(720 × 480, 720 × 576), VGA(640 × 480), CIF(352 × 240)
Maximum Frame Rate	Normal mode 60Hz: 30 fps @ 1920 × 1080 50Hz: 25 fps @ 1920 × 1080 HDR mode 60Hz: 30 fps @ 1920 × 1080 50Hz: 25 fps @ 1920 × 1080

Video Functions

Scanning System	Progressive Scan
White Balance	ATW-NARROW / ATW-WIDE / AWC(MANUAL)
Back Light Compensation	Yes
Electrical Shutter	1/30(1/25)s – 1/30000s
Sense Up	Off / x2 / x4 / x8 / x16 / x32
Sense Up+	Yes
Auto Gain Control	60 dB Variable Gain
S/N Ratio	More than 50dB (AGC off)
3D Noise Reduction	Off / 1 – 32 Selectable
2D WDR	Off / Auto / x2 / x3 / x4 (by normal mode) Support Onvif
High Dynamic Range	Up to 120dB (by HDR mode, 2 shutter line interleave)
Privacy Masking	Off / On (4 zones)
Image Effects	Brightness, Contrast, Hue, Saturation, Sharpness, Mirror, Flip, Rotation, Overexposure Reduction
EV (Exposure Value)	Adjustable
Lens Distorsion Correction (LDC)	Yes

Integration

Mobile Application	Integrated to LILIN mobile app (LILIN Pro) iPhone, iPad, Android support
Video Management	ONVIF Profile S / IVS events, LILIN Navigator Enterprise 2.0 support, Third party VMS through LILIN HTTP API
Maintenance	Firmware update via HTTP and IP Scan; Firmware available at website
IVS Advanced 2.0	Motion Detection, Tampering Detection, Advanced Motion Detection, Traffic Light Detection, Tripwire Detection, Object Counting
IVS Advanced 2.1	Unattended Object Detection, Missing Object Detection, Crowd Detection, Loitering Detection, Face Detection
Event Triggers	Motion / Tamper / Network lost detection / SmartEvent / Temperature detection
Event Actions	FTP / SMTP / HTTP post / SAMBA / SNMP Trap / Push service notification
Languages	English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese

Temperature Measurement

Temperature Measurement Function	Yes
Support High Temperature Alert	Yes
Support Temperature Measurement Range	Yes
Support Fahrenheit Conversion	Yes
Support Temperature Calibration	Yes
Support Real-time Temperature Display	Yes
Support Face Area Temperature Measurement	Yes
Support Adjustable Temperature Alarm Area	Yes

Certifications	
CE	Yes
FCC	Yes
Vandal Resistant Rating	IK10

PC Requirements	
CPU	Intel® Core™ i7 or higher grade
OS	Windows 7 or above
RAM	8GB or above, Dedicated Graphics Card
Web Browser	Microsoft® Internet Explorer® 9 or above

Mechanical	
Dimension	Ø115 × 91 mm
Weight	410g
Casing Material	Aluminum alloy

Network Security	
Encryption	Base64 HTTP encryption, HTTPS encryption
Authentication	Digest HTTP authentication, RTSP authentication, 802.1x
Address Filter	IP address filter, MAC address filter
Access	Multiple user access levels with password protection
User accounts	10 user accounts available
Multi IP Address	Yes

Network	
Ethernet	10/100 Mbps Base-T, RJ-45
OSD	Position configurable text overlay for date, time, camera ID, event status and watermark with customizable user demand data
CPU, Memory	Embedded SoC ARM Cortex-A9, 816MHz, 512MB DDR3L, 256MB flash memory
OS	Embedded Linux 3.10
Network Protocols	IPv4, IPv6, TCP, UDP, HTTP, HTTPS, SMTP, MQTT, QoS, SNMP V1/V2/V3, SNMP Trap and heart beat, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet, ICMP, IGMP, ONVIF Profile S , SDDP, Bonjour , 802.1x, SSL/TLS
Network Storage	NAS (Support SAMBA/CIFS)
Max number of online users	10 simultaneous users
Video Display	LILIN Universal ActiveX , LILIN Java Applet
Watermark	BMP logo
Log	Event & operation log & IVS event log
Schedule	Support holiday list

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