

Max. Résolution	2836 (H) × 1752 (V)
Pixel	4 Mégapixels
Vitesse d'obturation électronique	1/30 000 s à 1 s
Min. Éclairage	Couleur: 0,05 lux Noir et blanc: 0,005 lux 0 lux (IR activée)
Distance d'éclairage IR	≥30 m (98.43 ft)
Commande On/Off de l'illuminateur IR	Auto ; Manuel
Ouverture	2 mm: F2.2 4 mm: F1.6 8 mm: F2.0
Champ de vision	2 mm: H: 94°; V: 72°4 4 mm: H: 71,2°; V: 52°8 8 mm: H: 33,4°; V: 25°
Focalisation	Fixe
Distance focale minimale	2 mm: 0,3 m (0.98 ft) 4 mm: 1 m (3.28 ft) 8 mm: 2,5 m (8.2 ft)
Jour/Nuit	Auto (ICR) ; Couleur ; N/B
BLC	Oui
WDR	DWDR
HLC	Oui
Balance des blancs	Auto ; Manuel ; Intérieur ; Extérieur ; Suivi ; Lampes de rue ; Naturel
Contrôle de Gain Automatique (AGC)	Auto ; Manuel
Réduction du Bruit	2D NR; 3D NR
Rapport S/B	≥55 dB
Région d'intérêt (RdI)	Oui
Rotation i a	90°; 180°; 270°
Compensation de l'exposition	Oui
Intelligence	
/	
/	
D	
W	Low Temperature Mode: -20 °C to +150 °C (-4 °F to +302 °F) High Temperature Mode: 0 °C to +550 °C (+32 °F to +1022 °F)
Temperature Accuracy	Max (± 2 °C, ± 2%) Operating Temperature: -20 °C to +50 °C (-4 °F to +122 °F)
Temperature Mode	Spot: 12 Line: 12 Area: 12 Support 12 rules simultaneously
Video and Audio	
Video Compression	H.265; H.264M; H.264H; H.264B; MJPEG

Résolution	Thermique Flux principal 1280 × 960 (1 03M); XVGA (1024 × 768); VGA (640 × 480); 256 × 192; 1280 × 960 (1280 × 960) ; VGA (640 × 480); 256 × 192; 256 × 192 (256 × 192)) s : 2836 × 1752; 1080p (1 920 × 1080); 720p (1280 × 720); D1 (704 × 576); 2 836 × 1752 (2836 × 1752)) s : 720p (1280 × 720); D1 (704 × 576); CIF (352 × 288); 352 × 288 (352 × 288))
	G.711a; G.711mu; PCM
Réseau	
Protocoles	HTTPS; HTTP; TCP; ARP; RTSP; RTP; UDP; RTCP; SMTP; FTP; DHCP; DNS; DDNS; PPPOE; IPv4/v6; SNMP; QoS; UPnP; NTP
Périphérique	Carte Micro SD (256 Go)
Interopérabilité	ONVIF; CGI
Navigateur	IE: / Google: / Firefox: /
Utilisateur/Hôte	10
Sécurité	Nom d'utilisateur et mot de passe autorisés ; adresse MAC attachée ; HTTPS crypté ; IEEE 802.1x ; accès contrôlé au réseau
Port	
Réseau	1 × RJ-45 (10/100 Base-T)
Audio Input	1
Audio Output	1
Alarm Input	1
Alarm Output	1
RS-485	1 pair
Power	
Power Supply	12 VDC, 1.2 A ± 20%; PoE
Power Consumption	Basic: <6.5 W (12 VDC); 4.8 W (PoE) Max: <13 W (12 VDC); 12.3 W (PoE)
Environment	
Operating Temperature	-30 °C to +50 °C (-22 °F to +122 °F)
Storage Temperature	-30 °C to +70 °C (-22 °F to +158 °F)
Operating Humidity	≤95%

Protection	IP67
Structure	
Product Dimensions	122 mm × 122 mm × 112 mm (4.80" × 4.80" × 4.41") (L × W × H)
Packaging Dimensions	155 mm × 155 mm × 135 mm (6.10" × 6.10" × 5.31") (L × W × H)
Net Weight	≤0.85 kg (1.87 lb)
Gross Weight	≤1 kg (2.20 lb)

Heat Detection Distance	
Focal Length	Max. Distance
2 mm	12 m (39.37 ft)
3.5 mm	22 m (72.18 ft)
7 mm	40 m (131.23 ft)

Note:
The table displays the measured distances obtained from using the target size 0.2 m × 0.2 m for testing in an environment where the temperature is 23 °C and the relative humidity is below 60%.
The table is for reference only. The distances within it are subject to actual conditions including atmospheric conditions, target size, the installation site, and more.

Temperature Measurement Range		
Focal Length	Min. Distance	Max. Distance
2 mm	0.5 m (1.64 ft)	2.5 m (8.20 ft)
3.5 mm	1 m (3.25 ft)	5 m (16.40 ft)
7 mm	3 m (9.84 ft)	8 m (26.25 ft)

Note:
The table displays the measured distances obtained from using the target size 0.1 m × 0.1 m for testing in an environment where the temperature is 23 °C and the relative humidity is below 60%.
The table is for reference only. The distances within it are subject to actual conditions including atmospheric conditions, target size, the installation site, and more.

Ordering Information		
Type	Model	Description
Thermal Camera	DHI-TPC-DF1241-TB2F2-DW-S2	Thermal: 256 × 192 2 mm lens Visible: 4 MP 2 mm lens
	DHI-TPC-DF1241-TB3F4-DW-S2	Thermal: 256 × 192 3.5 mm lens Visible: 4 MP 4 mm lens
	DHI-TPC-DF1241-TB7F8-DW-S2	Thermal: 256 × 192 7 mm lens Visible: 4 MP 8 mm lens
Accessories (Optional)	PFB203W	Wall-mount Bracket
	PFA106	Ceiling-mount Adapter Plate
	PFB220C	Ceiling-mount Bracket
	PFA130-E	Junction Box
	PFM320D	Power Adapter

Accessories

Optional:



PFB203W
Wall-mount bracket



PFA106
Ceiling-mount adapter plate



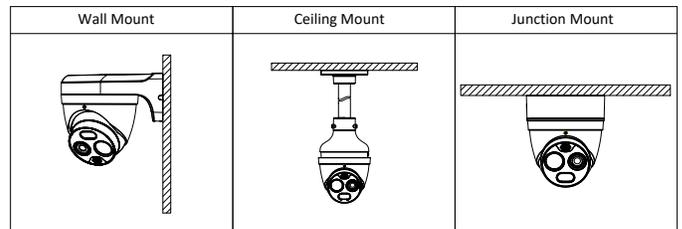
PFB220C
Ceiling-mount bracket



PFA130-E
Junction box



PFM320D
Power adapter



Dimensions (mm[inch])

