

## PT-HTH702E-ITPF

5 MP Camera







## **Key Features:**

- 5 MP, 2560 × 1944 resolution
- 2.4 mm, 2.8 mm, 3.6 mm, 6 mm fixed focal lens
- Smart IR, up to 20 m IR distance
- 4 in 1 video output (switchable TVI/AHD/CVI/CVBS)



## Specification:

Image Sensor	Camera	
Resolution   2560   H   × 1944   V	Image Sensor	5 MP CMOS
TVI: SM@20fps, 4M@30fps, 1080p@30fps, 1080p@25fps	Signal System	PAL/NTSC
Frame Rate  AHD: \$M@20fps, 4M@20fps, 4M@20fps  CVI: 4M@30fps, 4M@20fps  CVB: PAL/NTSC  Min. illumination  0.01 Lux@(F1.2, AGC 0N), 0 Lux with IR  PAL: 1/25 s to 1/50, 000 s  NTSC: 1/30 s to 1/50, 000 s  Lens  2.4 mm, 2.8 mm, 3.6 mm, 6 mm fixed lens  2.4 mm, borizontal FOV: 110°, vertical FOV: 81°, diagonal FOV:137°  2.8 mm, horizontal FOV: 80°, vertical FOV: 63°, diagonal FOV:110°  3.6 mm, horizontal FOV: 57°, vertical FOV: 43°, diagonal FOV:72°  Lens Mount  M12  Day & Night  ICR  WDR (Wide Dynamic Range)  Digital WDR  Angle Adjustment  Pan: 0 to 360°, Tilt: 0 to 75°, Rotation: 0 to 360°  Menu  Image Mode  STD/HIGH-SAT  AGC  Yes  Day/Night Mode  Auto/Color/BW (Black and White)  White Balance  Auto/Manual  AE (Auto Exposurel Mode  DWDR/BLC/HLC/Global  Noise Reduction  2D DNR  English	Resolution	2560 (H) × 1944 (V)
Frame Rate  CVI: 4M@30fps, 4M@25fps  CVBS: PAL/NTSC  Min. illumination  0.01 Lux@[F1.2, A6C ON], 0 Lux with IR  PAL: 1/25 s to 1/50, 000 s  NTSC: 1/30 s to 1/50, 000 s  Lens  2.4 mm, 2.8 mm, 3.6 mm, 6 mm fixed lens  2.4 mm, horizontal FOV: 110°, vertical FOV: 81°, diagonal FOV:137°  2.8 mm, horizontal FOV: 85°, vertical FOV: 63°, diagonal FOV:110°  3.6 mm, horizontal FOV: 85°, vertical FOV: 63°, diagonal FOV:72°  Lens Mount  M12  Day & Night  ICR  WDR [Wide Dynamic Range]  Digital WDR  Angle Adjustment  Pan: 0 to 360°, Tilt: 0 to 75°, Rotation: 0 to 360°  Menu  Image Mode  STD/HIGH-SAT  AGC  Yes  Day/Night Mode  Auto/Color/BW (Black and White)  White Balance  Auto/Manual  AE [Auto Exposure] Mode  DWDR/BLC/HLC/Global  Noise Reduction  2D DNR  Language  English		TVI: 5M@20fps, 4M@30fps, 4M@25fps, 1080p@30fps, 1080p@25fps
CVI: 4M@30fps, 4M@25fps CVBS: PAL/NTSC  Min. illumination  0.01 Lux@[F1.2, AGC ON], 0 Lux with IR  PAL: 1/25 s to 1/50, 000 s  NTSC: 1/30 s to 1/50, 000 s  Lens  2.4 mm, 2.8 mm, 3.6 mm, 6 mm fixed lens  2.4 mm, horizontal F0V: 110°, vertical F0V: 81°, diagonal F0V:137° 2.8 mm, horizontal F0V: 85°, vertical F0V: 63°, diagonal F0V:110° 3.6 mm, horizontal F0V: 87°, vertical F0V: 63°, diagonal F0V:72°  Lens Mount  M12  Day & Night  ICR  WDR (Wide Dynamic Range)  Digital WDR  Angle Adjustment  Pan: 0 to 360°, Tilt: 0 to 75°, Rotation: 0 to 360°  Menu  Image Mode  STD/HIGH-SAT  AGC  Yes  Day/Night Mode  Auto/Color/BW (Black and White)  White Balance  Auto/Manual  AE (Auto Exposure) Mode  DWDR/BLC/HLC/Global  Noise Reduction  2D DNR  Language  English	Frame Rate	AHD: 5M@20fps, 4M@30fps, 4M@25fps
Min. illumination 0.01 Lux@lF1.2, AGC ON), 0 Lux with IR  Shutter Time PAL: 1/25 s to 1/50, 000 s  Lens 2.4 mm, 2.8 mm, 3.6 mm, 6 mm fixed lens  2.4 mm, horizontal FOV: 110°, vertical FOV: 81°, diagonal FOV:137° 2.8 mm, horizontal FOV: 85°, vertical FOV: 63°, diagonal FOV:110° 3.6 mm, horizontal FOV: 57°, vertical FOV: 43°, diagonal FOV:72°  Lens Mount M12  Day & Night ICR  WDR (Wide Dynamic Range) Digital WDR  Angle Adjustment Pan: 0 to 360°, Tilt: 0 to 75°, Rotation: 0 to 360°  Menu  Image Mode STD/HIGH-SAT  AGC Yes  Day/Night Mode Auto/Color/BW (Black and White)  White Balance Auto/Manual  AE (Auto Exposure) Mode DWDR/BLC/HLC/Global  Noise Reduction 2D DNR  Language English		CVI: 4M@30fps, 4M@25fps
Shutter Time  PAL: 1/25 s to 1/50, 000 s  NTSC: 1/30 s to 1/50, 000 s  Lens  2.4 mm, 2.8 mm, 3.6 mm, 6 mm fixed lens  2.4 mm, horizontal FOV: 110°, vertical FOV: 81°, diagonal FOV:137° 2.8 mm, horizontal FOV: 85°, vertical FOV: 63°, diagonal FOV:110° 3.6 mm, horizontal FOV: 80°, vertical FOV: 63°, diagonal FOV:105° 6 mm, horizontal FOV: 57°, vertical FOV: 43°, diagonal FOV:72°  Lens Mount  M12  Day 8 Night  ICR  WDR (Wide Dynamic Range)  Digital WDR  Angle Adjustment  Pan: 0 to 360°, Tilt: 0 to 75°, Rotation: 0 to 360°  Menu  Image Mode  STD/HIGH-SAT  AGC  Yes  Day/Night Mode  Auto/Color/BW (Black and White)  White Balance  Auto/Manual  AE (Auto Exposure) Mode  DWDR/BLC/HLC/Global  Noise Reduction  2D DNR  Language  English		CVBS: PAL/NTSC
Shutter Time  NTSC: 1/30 s to 1/50, 000 s  Lens  2.4 mm, 2.8 mm, 3.6 mm, 6 mm fixed lens  2.4 mm, horizontal F0V: 110°, vertical F0V: 81°, diagonal F0V:137° 2.8 mm, horizontal F0V: 85°, vertical F0V: 63°, diagonal F0V:110° 3.6 mm, horizontal F0V: 80°, vertical F0V: 63°, diagonal F0V:105° 6 mm, horizontal F0V: 57°, vertical F0V: 43°, diagonal F0V:72°  Lens Mount  M12  Day 8 Night  ICR  WDR (Wide Dynamic Range) Digital WDR  Angle Adjustment Pan: 0 to 360°, Tilt: 0 to 75°, Rotation: 0 to 360°  Menu  Inage Mode STD/HIGH-SAT  AGC Yes  Day/Night Mode Auto/Color/BW (Black and White)  White Balance Auto/Manual  AE (Auto Exposure) Mode DWDR/BLC/HLC/Global  Noise Reduction 2D DNR  Language English	Min. illumination	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR
Lens 2.4 mm, 2.8 mm, 3.6 mm, 6 mm fixed lens  2.4 mm, horizontal FOV: 110°, vertical FOV: 81°, diagonal FOV:137° 2.8 mm, horizontal FOV: 85°, vertical FOV: 63°, diagonal FOV:110° 3.6 mm, horizontal FOV: 80°, vertical FOV: 63°, diagonal FOV:105° 6 mm, horizontal FOV: 57°, vertical FOV: 43°, diagonal FOV:72°  Lens Mount M12  Day & Night ICR  WDR (Wide Dynamic Range) Digital WDR  Angle Adjustment Pan: 0 to 360°, Tilt: 0 to 75°, Rotation: 0 to 360°  Menu  Image Mode STD/HIGH-SAT  AGC Yes  Day/Night Mode Auto/Color/BW (Black and White)  White Balance Auto/Manual  AE (Auto Exposure) Mode DWDR/BLC/HLC/Global  Noise Reduction 2D DNR  Language English	Shutter Time	PAL: 1/25 s to 1/50, 000 s
2.4 mm, horizontal FOV: 110°, vertical FOV: 81°, diagonal FOV:137° 2.8 mm, horizontal FOV: 85°, vertical FOV: 63°, diagonal FOV:110° 3.6 mm, horizontal FOV: 80°, vertical FOV: 63°, diagonal FOV:105° 6 mm, horizontal FOV: 57°, vertical FOV: 43°, diagonal FOV:72°  Lens Mount M12  Day & Night ICR  WDR (Wide Dynamic Range) Digital WDR  Angle Adjustment Pan: 0 to 360°, Tilt: 0 to 75°, Rotation: 0 to 360°  Menu  Image Mode STD/HIGH-SAT  AGC Yes  Day/Night Mode Auto/Color/BW (Black and White)  White Balance Auto/Manual  AE (Auto Exposure) Mode DWDR/BLC/HLC/Global  Noise Reduction 2D DNR  Language English		NTSC: 1/30 s to 1/50, 000 s
Field of View  2.8 mm, horizontal FOV: 85°, vertical FOV: 63°, diagonal FOV:110° 3.6 mm, horizontal FOV: 57°, vertical FOV: 43°, diagonal FOV:72°  Lens Mount  M12  Day 8 Night  ICR  WDR (Wide Dynamic Range)  Digital WDR  Angle Adjustment  Pan: 0 to 360°, Tilt: 0 to 75°, Rotation: 0 to 360°  Menu  Image Mode  STD/HIGH-SAT  AGC  Yes  Day/Night Mode  Auto/Color/BW (Black and White)  White Balance  Auto/Manual  AE (Auto Exposure) Mode  DWDR/BLC/HLC/Global  Noise Reduction  2D DNR  Language  English	Lens	2.4 mm, 2.8 mm, 3.6 mm, 6 mm fixed lens
Field of View  3.6 mm, horizontal FOV: 80°, vertical FOV: 43°, diagonal FOV:105° 6 mm, horizontal FOV: 57°, vertical FOV: 43°, diagonal FOV:72°  Lens Mount  M12  Day S Night  ICR  WDR (Wide Dynamic Range) Digital WDR  Angle Adjustment Pan: 0 to 360°, Tilt: 0 to 75°, Rotation: 0 to 360°  Menu  Image Mode STD/HIGH-SAT  AGC Yes  Day/Night Mode Auto/Color/BW (Black and White)  White Balance Auto/Manual  AE (Auto Exposure) Mode DWDR/BLC/HLC/Global  Noise Reduction 2D DNR  Language English	Field of View	2.4 mm, horizontal F0V: 110°, vertical F0V: 81°, diagonal F0V:137°
3.6 mm, horizontal FOV: 80°, vertical FOV: 63°, diagonal FOV:105° 6 mm, horizontal FOV: 57°, vertical FOV: 43°, diagonal FOV:72°  Lens Mount M12  Day & Night ICR  WDR (Wide Dynamic Range) Digital WDR  Angle Adjustment Pan: 0 to 360°, Tilt: 0 to 75°, Rotation: 0 to 360°  Menu  Image Mode STD/HIGH-SAT  AGC Yes  Day/Night Mode Auto/Color/BW (Black and White)  White Balance Auto/Manual  AE (Auto Exposure) Mode DWDR/BLC/HLC/Global  Noise Reduction 2D DNR  Language English		2.8 mm, horizontal F0V: 85°, vertical F0V: 63°, diagonal F0V:110°
Lens Mount M12  Day & Night ICR  WDR (Wide Dynamic Range) Digital WDR  Angle Adjustment Pan: 0 to 360°, Tilt: 0 to 75°, Rotation: 0 to 360°  Menu  Image Mode STD/HIGH-SAT  AGC Yes  Day/Night Mode Auto/Color/BW (Black and White)  White Balance Auto/Manual  AE (Auto Exposure) Mode DWDR/BLC/HLC/Global  Noise Reduction 2D DNR  Language English		3.6 mm, horizontal F0V: 80°, vertical F0V: 63°, diagonal F0V:105°
Day & Night  WDR (Wide Dynamic Range)  Digital WDR  Angle Adjustment  Pan: 0 to 360°, Tilt: 0 to 75°, Rotation: 0 to 360°  Menu  Image Mode  STD/HIGH-SAT  AGC  Yes  Day/Night Mode  Auto/Color/BW (Black and White)  White Balance  Auto/Manual  AE (Auto Exposure) Mode  DWDR/BLC/HLC/Global  Noise Reduction  2D DNR  Language  English		6 mm, horizontal F0V: 57°, vertical F0V: 43°, diagonal F0V:72°
WDR (Wide Dynamic Range) Angle Adjustment Pan: 0 to 360°, Tilt: 0 to 75°, Rotation: 0 to 360°  Menu  Image Mode STD/HIGH-SAT AGC Yes Day/Night Mode Auto/Color/BW (Black and White) White Balance Auto/Manual AE (Auto Exposure) Mode DWDR/BLC/HLC/Global Noise Reduction 2D DNR Language English	Lens Mount	M12
Angle Adjustment Pan: 0 to 360°, Tilt: 0 to 75°, Rotation: 0 to 360°  Menu  Image Mode STD/HIGH-SAT  AGC Yes  Day/Night Mode Auto/Color/BW (Black and White)  White Balance Auto/Manual  AE (Auto Exposure) Mode DWDR/BLC/HLC/Global  Noise Reduction 2D DNR  Language English	Day & Night	ICR
MenuImage ModeSTD/HIGH-SATAGCYesDay/Night ModeAuto/Color/BW (Black and White)White BalanceAuto/ManualAE (Auto Exposure) ModeDWDR/BLC/HLC/GlobalNoise Reduction2D DNRLanguageEnglish	WDR (Wide Dynamic Range)	Digital WDR
Image Mode STD/HIGH-SAT  AGC Yes  Day/Night Mode Auto/Color/BW (Black and White)  White Balance Auto/Manual  AE (Auto Exposure) Mode DWDR/BLC/HLC/Global  Noise Reduction 2D DNR  Language English	Angle Adjustment	Pan: 0 to 360°, Tilt: 0 to 75°, Rotation: 0 to 360°
AGC Yes  Day/Night Mode Auto/Color/BW (Black and White)  White Balance Auto/Manual  AE (Auto Exposure) Mode DWDR/BLC/HLC/Global  Noise Reduction 2D DNR  Language English	Menu	
Day/Night Mode Auto/Color/BW (Black and White)  White Balance Auto/Manual  AE (Auto Exposure) Mode DWDR/BLC/HLC/Global  Noise Reduction 2D DNR  Language English	Image Mode	STD/HIGH-SAT
White Balance Auto/Manual  AE (Auto Exposure) Mode DWDR/BLC/HLC/Global  Noise Reduction 2D DNR  Language English	AGC	Yes
AE (Auto Exposure) Mode DWDR/BLC/HLC/Global  Noise Reduction 2D DNR  Language English	Day/Night Mode	Auto/Color/BW (Black and White)
Noise Reduction 2D DNR  Language English	White Balance	Auto/Manual
Language English	AE (Auto Exposure) Mode	DWDR/BLC/HLC/Global
	Noise Reduction	2D DNR
Function Brightness, Sharpness, Mirror, Smart IR	Language	English
	Function	Brightness, Sharpness, Mirror, Smart IR



Interface	
Video Output	Switchable TVI/AHD/CVI/CVBS
General	
Operating Conditions	-40 °C to 60 °C (-40 °F to 140 °F), humidity 90% or less (non-condensing)
Power Supply	12 VDC ± 25%
Power Consumption	Max. 4.3 W
Material	Plastic
IR Range	Up to 20 m

<sup>\*</sup>Specifications are subject to change without prior notice. \*Product picture may differ from the actual.

## Available Model

PT-HTH702E-ITPF