FLIR®
formerly DiGiMERGE

700 TVL | **960H** | **150ft** | **IP67 Weatherproof** | **5 YR WARRANTY**

DPB74TLUX

Premium 700+ TVL UL Rated
3.5-16mm Varifocal Smart IR Bullet

POLARIS VISION 2 | **SMART-IR VISION** | **Arctic PRO** | **SUPER-R 960H SUPER RES**
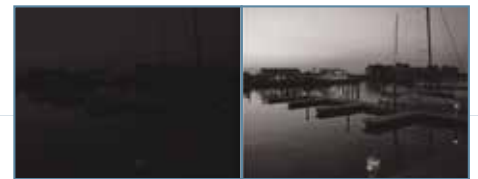
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FLIR's Pinnacle PLUS 700+ TVL Varifocal IR Bullet Camera delivers the most comprehensive premium surveillance feature set. The built-in video balun (UTP) allows for cost effective wiring alternatives to traditional coaxial cabling. For additional convenience and ease-of-use, Up-the-Coax (UTC) enables simple OSD adjustments via a remote controller. DPB74TLUX is UL approved (standard 60065), making it an ideal and qualified choice for a wide array of projects ranging from small businesses to industrial and government applications.

DPB74TLUX is well-suited for harsh climates with an IP67 rating plus ArcticPro technology and a Cold Starter (minimum operating temperature of -40°F). The 700+ TVL resolution combined with a wide range 3.5-16mm varifocal lens ensure a crystal clear image. Night vision technologies include Polaris Vision2 low light viewing, Smart-IR night vision up to 150ft (45m) with adjustable LED power level, and True Day/Night with ICR.
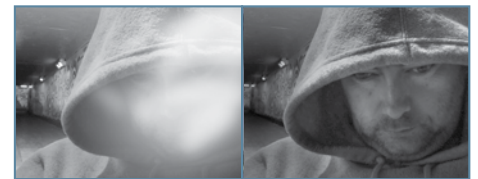
Features

❖ 1/3" Sony EX-View™ II 960H /700+ TVL

❖ UL standard 60065 approved

❖ Built-in video balun (UTP)

❖ Up-the-coax (UTC) OSD adjustment via UTC controller*

❖ Polaris Vision2 low light viewing

❖ Smart-IR Night Vision (150ft/46m) with adjustable LED Power Level

❖ 3.5-16mm Auto Iris D/N Varifocal Lens, True Day Night with ICR (TDN)

❖ IP67 Weatherproof rated

❖ Advanced 3D Digital Noise Reduction (3D-DNR)

❖ ArcticPro technology for harsh climates with Cold Starter (minimum operating temperature -40°F)

❖ Precise zoom/focus adjustment with included adjustment tool

❖ Service Monitor Output, 24V AC Operation

❖ Cable through bracket design

Typical | DPB74TLUX
Polaris Vision2

Typical | DPB74TLUX
Smart IR
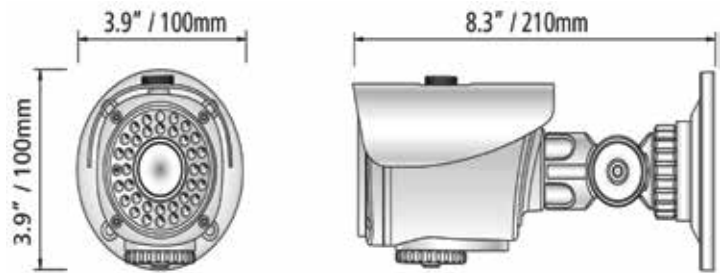

Typical | DPB74TLUX
Smart DZoom

Typical | DPB74TLUX
3D-DNR

PINNACLE PLUS
Advanced Ultra Resolution Cameras

Specifications

Power Source:	AC 24V ± 10%
Power Consumption:	11W without heater /24W with heater
Minimum Power Requirement:	450mA without heater / 1A with heater
Image Sensor:	1/3" SONY EXview HAD 960H CCD II™
Effective Pixels:	976 (H) x 494 (V)
Scanning System:	2:1 Interlace
Sync. System:	Internal/Line Lock
Resolution:	700+ TV Lines
Min. Illumination:	0.01 Lux/ F1.2(Color) 0 Lux w/IR LED
Video Output:	1.0 Vp-p (75 ohm, composite)
S/N Ratio:	52dB (AGC OFF)
3D-DNR:	On/Off (Adjustable Gain)
D-WDR:	On/Off (level selectable)
BLC / HSBLC:	On/Off
HLC:	Auto/On/Off
Day & Night:	Color/BW/Auto
Motion Detection:	On/Off (4 Programmable zones)
Sens-up (DSS):	Auto/Off (Selectable limit 2x ~ 256x)
Digital Image Stabilization (DIS)	On/Off
Defog	On/Off
Privacy Masking:	On/Off (8 Programmable zones)
White Balance:	ATW/AWB/AWC/Manual
Auto Gain Control:	High / Medium / Low
Electronic Shutter Speed:	Auto/Manual
Sharpness:	On/Off (level adjustable)
Flip:	Mirror/V-flip/Rotate
Effect:	D-Zoom (pan/tilt), Smart D-zoom (motion)
Monitor Adjustment	LCD/CRT/User
Setup Method:	OSD controller on camera / UTC controller
OSD Language:	English
Power Input:	2-Pin terminal block
Video Output:	BNC connector / UTP connector
Lens Mount:	Fixed mount
Lens:	3.5-16mm AI day/night varifocal lens
Operating Temperature:	-40ºC ~ +50ºC/-40ºF ~ 122ºF
Operating Humidity:	0 ~ 95% (non-condensing)
Ingress Rating	IP67
External Dimension (HxWxD):	3.9 x 3.9 x 8.3" / 100 x 100 x 210mm
Weight:	1.8lb / 0.8kg

Dimensions

3.9" / 100mm   8.3" / 210mm   3.9" / 100mm

Product Information

UPC:	8-41430-00880-4
Weight:	1.8kg/2.6lbs
Package Dimensions: (W x D x H)	163 x 269 x 135mm/ 6.4 x 10.6 x 5.3"
Package Cube:	0.006 cbm/0.21cu ft

What's Included:

Video Test Cable

Mounting Plate

Zoom/Focus Adjustment Tool

Instruction Manual

Optional Accessories

Junction Box (Order MNTB74J)

UTC Controller (Order ACCUTC1)

1-12112013