720P IR Dome PoE IP Camera

Compact and cost-effective 720p HD Surveillance

PLANET ICA-4150 PoE IP Camera provides high resolution images for round-the-clock surveillance over IP networks. It supports H.264 compression formats and delivers excellent picture quality in 720p HD resolutions at 30 frames per second (fps). Its outdoor and handy features enable you to easily install the camera in any public areas, such as buildings, gardens, parking areas, markets, balconies, railway stations and hospitals.

Day & Night Surveillance

The ICA-4150 features an automatic, removable infrared-cut filter, which enables the camera to provide color video when there is sufficient light, and black and white video in dark conditions. The camera is able to maintain clear images 24 hours a day.

Camera

• 1/4" progressive scan CMOS sensor
• 0 lux minimum illumination at F1.2
• Maximum resolution 1280 x 720
• Easily-recessed mount design

Video / Audio

• H.264 video compression
• Max. resolution of 720p at 30fps
• DNR to improve picture quality at low lux
• WDR Enhancement function strengthens visibility under extremely bright or dark environments
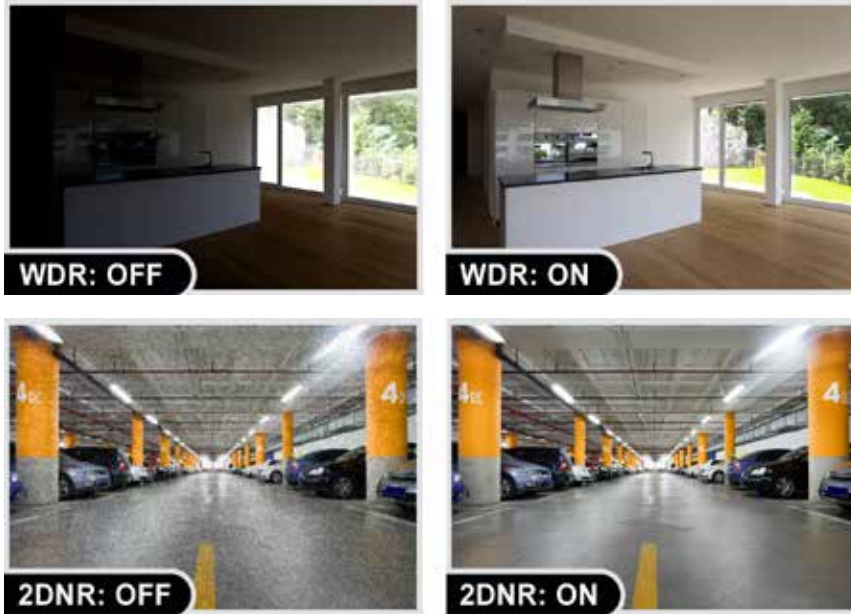
Network and Configuration

• Compliant with IEEE 802.3af PoE interface for flexible deployment
• RTSP / FTP / HTTPS protocols selectable

Easy Installation & Management

• ONVIF compliant for interoperability
• IP66-rated is designed for use in rigorous environment
• Intelligent motion detection alarm
• Easy configuration and management via Windows-based utility or web interface

Exceptional Image Quality

Together with powerful image processing attributes like Wide Dynamic Range and Dimensional Noise Reduction technology, the ICA-4150 is able to filter the intense backlight surrounding a subject and remove noises from video signal. Thus, the ICA-4150 offers an extremely sharp and clear image quality even under any challenging lighting conditions.

Water Resistance/Dust-Proof Protection

The IP66-rated housing protects the camera body against rain and dust and ensures operation under extreme weather conditions, which makes it an ideal solution for outdoor applications, such as buildings, roads, parking areas, garages, railway stations and airports.
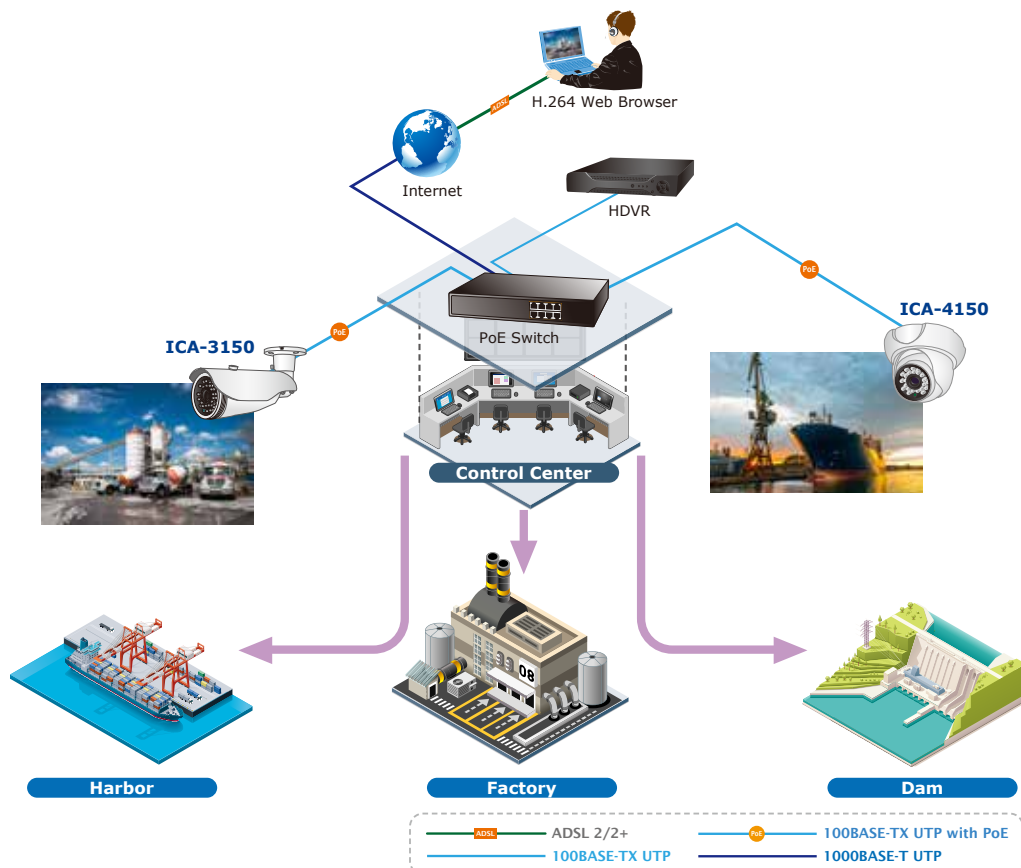
Flexible Installation and Power Functionality

The ICA-4150 incorporates IEEE 802.3af Power over Ethernet standard and able to be powered via the network cable from a PoE power sourcing equipment such as PoE Switch and PoE injector. It thus eliminates the need for extra power cables and reduces installation costs while increases the deployment flexibility. The ICA-4150 is ONVIF compliant and interoperable with other brands in the market. The ICA-4150 is indisputably the ideal choice for reliable and high performance surveillance.

ONVIF Protocol for Surveillance Integration

Applications

PLANET ICA-4150 can perform in various surveillance applications. With high-resolution design, it can capture clear images and is perfect for identifying objects and persons. Moreover, the ICA-4150 supports 802.3af PoE interface, and facilitates the outdoor surveillance applications without worrying the electric source. Besides, HDVR and Web UI management make you easy to do the configuration and live viewing. With so many features offered, the ICA-4150 no doubt is your best choice for outdoor surveillance solution.

Specifications

Model	ICA-4150
Camera	
Image device	1/4" 1 mega-pixel progressive scan CMOS sensor
Lens	Fixed lens 3.6mm, F1.4 **Angle of view:** Horizontal: 75 degrees Vertical: 55 degrees
Min Illumination	0.1 lux (color) @ F1.2 0 lux (B/W)
IR Illuminations	IR LED x 24, 850nm Built-in IR illuminators, effective up to 20 meters *The IR distance is based on the environment
Effective Pixels	1280 x 720 pixels
Image	
Video Compression	H.264
Video Resolution	720p / 720 x 576 / 640 x 480 / 352 x 288 / 320 x 240 / 174 x 144
Frame Rate	Up to 30fps for all resolutions
Image Setting	2D noise reduction WDR Brightness, saturation, contrast Mirror/Rotate Privacy mask Text, time and date overlay
Streaming	Simultaneous multi-profile streaming Streaming over TCP, HTTP, or HTTPS Controllable frame rate and bandwidth Constant and variable bit rate (H.264)
Network and Configuration	
Standard	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3af Power over Ethernet
Protocol	IPv4, TCP/IP, HTTP, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, SMTP
Security	Password protection, HTTPS encrypted data transmission, user access log
Users	3 clients on-line monitoring at the same time
System Integration	
Application Programming Interface	ONVIF Compliant
Alarm Triggering	Motion detection
Alarm Events	File upload via FTP Notification via email, HTTP and TCP
General	
Power Requirements	12V DC, 6W max. IEEE 802.3af Class 3
Power Consumption	6.5W max.
Operating Temperature	-10 ~ 50 degrees C
Operating Humidity	20 ~ 80% (non-condensing)
Weight	348g
Dimensions (Φ x L)	110 x 86 mm
Emission	CE, FCC
Connectors	10/100 Mbps Ethernet, RJ-45 DC power jack

Ordering Information

ICA-4150	720P IR Dome PoE IP Camera

Related Products

ICA-3110	HD Ultra-mini Bullet IR IP Camera
ICA-3150	720P IR Bullet PoE IP Camera
ICA-4130S	HD Ultra-mini SIP PoE IP Camera
ICA-5150	HD Ultra-mini Vandal Dome
ICA-5250V	Full HD Vandalproof IR IP Camera
ICA-5260V	60fps Full HD Vandalproof IR IP Camera
ICA-5350V	3 Mega-pixel Vandalproof IR IP Camera
ICA-5550V	5 Mega-pixel Vandalproof IR IP Camera
HDVR-430	4 Channel Hybrid Digital Video Recorder
HDVR-830	8 Channel Hybrid Digital Video Recorder
HDVR-1630	16 Channel Hybrid Digital Video Recorder
FGSW-1816HPS	16-Port 10/100TX 802.3at PoE + 2-Port Gigabit TP/SFP Combo Web Smart Ethernet Switch
FSD-504HP	4-Port 10/100Mbps 802.3af/at PoE + 1-Port 10/100Mbps Desktop Switch (60 watts)
GS-4210-24P2S	24-Port 10/100/1000T 802.3at PoE + 2-Port 100/1000X SFP Managed Switch
GSD-908HP	8-Port 10/100/1000T 802.3at PoE + 1-Port Gigabit Desktop Switch

ICA-4150