

OPT-PRO-PTZ- Series

IP PTZ Dome Network Camera

SYSTEM OVERVIEW



OPTOKON Pro PTZ series cameras often come with additional features such as presets, tours, and patterns. Presets allow the camera to store specific positions or views that can be recalled instantly. Tours enable the camera to move automatically between predefined positions or views, providing comprehensive coverage of an area. Patterns allow the camera to follow a specific path or trajectory, useful for tracking moving objects or individuals.

OPTOKON Pro PTZ cameras can be controlled locally through a dedicated control panel or remotely through networked devices such as computers, smartphones, or tablets. They are widely used in various applications, including surveillance systems, monitoring large areas like parking lots or stadiums, and providing security for buildings, airports, and public spaces.

Overall, OPTOKON Pro PTZ cameras offer flexibility, versatility, and enhanced surveillance capabilities by providing remote control of pan, tilt, and zoom functions, enabling users to monitor and capture detailed images from different perspectives and locations.



- 8MP IP PTZ Mini 4.5" Speed Dome 20X ZOOM PTZ IP Camera with POE with Micphone
- 1/2.7" Cmos Sensor
- 20X optical zoom
- 8.0MP high resolution camera
- Keep HD IP system, Support onvif
- Support proportional zoom
- With 8pcs IR-Led: 100m IR distance
- Protection grade: IP66

Environmental

OPTOKON cameras are designed to operate in extreme temperature environments, making them suitable for use in a wide range of applications, including outdoor surveillance and industrial monitoring. These cameras are rated for use in temperatures ranging from -30° C to +60° C (-22° F to +140° F), which is a wide temperature range that covers most extreme weather conditions. In addition to the wide temperature range, OPTOKON cameras also have a high level of humidity resistance, with a 95% humidity rating. This means that the cameras can operate in environments with high levels of moisture, such as near bodies of water or in areas with high humidity levels. The ability of OPTOKON cameras to operate in extreme temperature and humidity environments makes them highly durable and reliable, even in harsh conditions. This means that they can be used in a wide range of settings, including industrial plants, oil and gas facilities, and other outdoor environments where reliable surveillance and monitoring is critical.

OPTOKON cameras' support for PoE and PoC technologies provides a cost-effective and flexible solution for surveillance system installations, with simplified construction and wiring, improved reliability, and reduced long-term operating costs.

TECHNICAL SPECIFICATION

Model No.		OPT-PRO-IP9780	OPT-PRO-IP9750	OPT-PRO-IP9740
Camera Type		Motorized 20X Zoom Speed Dome PTZ IP Camera		
System		Embedded RTOS design		
Camera	Effective Pixels	8.0 Mega Pixels	5.0 Megapixels	4.0 Megapixels
		Main 3840*2160	Main 2560*1920	Main 2560*1440
		Sub 704*576	Sub 704*576	Sub 704*576
	Frames Rates	PAL:15fps (3840*2160)	PAL:25fps (2560*1920)	PAL:20fps (2560*1440)
		NTSC: 15fps (3840*2160)	NTSC: 25fps (2560*1920)	NTSC:20fps (2560*1440)
	Image Sensor	1/2.7" CMOS Sensor	1/2.8" CMOS Sensor	1/2.7" CMOS Sensor
		8 MP (3840H*2160V)	5 MP (2880H*1616V)	4 MP (2560H*1440V)
	DSP	Dual core 32-bit DSP	Dual core 32-bit DSP	Dual core 32-bit DSP
		NT98566	GK7205V300	GK7205V200
	Min. Illumination	Color 0.001Lux@F1.2	Color 0.01Lux@F1.2	Color 0.01Lux@F1.2
B/W 0.0001 Lux@F1.2		B/W 0.001 Lux@F1.2	B/W 0.01 Lux@F1.2	
Adjust Parameters	DWDR, BLC, DNR, AE, AGC, D&N, Mirror, Flip, etc.			
Video	Compression	H.265 Main profile	H.265 Main profile	H.265 Main profile
	Stream	Support dual stream, AVI format	Support dual stream, AVI format	Support dual stream, AVI format
	Bit Rate	Support 0.1M-8Mbps bit rate adjustable	Support 0.1M-8Mbps bit rate adjustable	Support 0.1M-8Mbps bit rate adjustable
	Frame Rates	Support 1-30fps adjust	Support 1-30fps adjust	Support 1-30fps adjust

Audio	Input and output	Optional
	Compression	G.711 compression, support two-way audio intercom, support audio and video synchronized output
Alarm	Types	Motion Detection, Video Blind, Video Loss
Network	WEB Browser	Support WEB remote config (IE, Safari, Google Chrome, Firefox etc.)
	Smart Phone	mobile remote Monitoring (iPhone, Android, etc.)
	CMS Software	Uniform CMS Software (multiple devices management system)
	Cloud P2P	www.optoeye.net OPTOEYE platform and other program, Offer SDK
	Network	1*RJ45, 10/100M, Support RTSP/FTP/PPPOE/DHCP/DDNS/NTP/UPnP/SMTP
	ONVIF	Support (ONVIF 2.4)
	POE	Support(optional)
General	WIFI	N/A
	Language	20 kinds of languages such as English, Finnish, French, German, Greek, Italian, Japanese, Polish, Portuguese, Russian, Spanish, Thai, S-Chinese, T-Chinese, and Turkish
	IR Cut Filter	Set of double light switch IR-CUT filter
	Lens Mount	20x Optical Motorized Zoom Autofocus Lens 4.7-94mm
	Infrared Luminary	10pcs OSRAM IR Array LEDs+4pcs Laser LEDs
	Infrared Wavelength	850nm
	Illuminate Distance	300m
	Waterproof Criterion	IP 67
I/O Connector	1*DC Connector, 1*RJ45(10/100M Network)	

Supplied Voltage	DC12V/PoE(802.3af/820.3at)
Power Consumption	IR On: 600mA max., IR Off: Less than 200mA
Working Environment	-10 degree to +60 degree, 10%-90% (Built in Heater being optional added for environment lower than -20 degree)
Weight	4.5kg

Accessories (optional)



IP Keyboard controller



CCTV IP Tester