



OZ Dual Sensor PTZ

Day FULLHD x55, LWIR 640 45 | 135

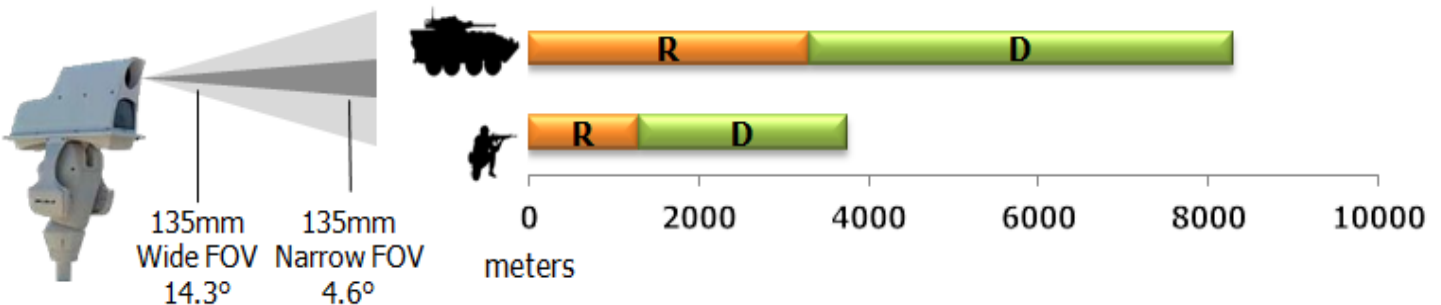
OVERVIEW

OZ HD is a versatile PTZ platform designed for long range outdoor FULLHD IP surveillance and fire detection applications. The platform integrates a Full HD x55 Day Sensor and a 640x480 Thermal Sensor packed together under single PAN TILT Unit.

The system demonstrates unparalleled video analytic accuracy and image clarity. It can withstand such environmental factors, as rain, humidity, fog and bright sun, which in the past yielded poor images, nuisance alerts, and misdetections.



640 THERMAL OPTICAL PERFORMANCE (METERS)



- * Detection = 2 p/m
- * Recognition = 6 p/m

MAIN FEATURES

PT CONTROL	Ethernet
PT SPEED	0.02°-20°/S
POWER SUPPLY	24VAC, 100W

TECHNICAL SPECIFICATIONS

MECHANICAL

HORIZONTAL ROTATION	CONTINUOUS
VERTICAL ROTATION	+45° TO -20°
HORIZONTAL SPEED	0.02°/S UP TO 20°/S
TILT SPEED (VARIABLE)	0.02°/S UP TO 20°/S
ENCLOSURE GLASS WINDOW	W118XH75mm
PRESET ACCURACY	0.02°
COMMUNICATIONS	ETHERNET 10/100

CERTIFICATIONS (NOT INCLUDING THERMAL)	CE: EN60950-1, EN60950-22, EN61000-6- 4, EN55022 CLASS A, EN50130-4; IP66 EN60529 CULUS LISTED, TYPE 4X
--	--

ENVIRONMENTAL

DESIGNED FOR OUTDOORS	
OPERATING TEMP (WITH HEATER)	-30°C /+60°C
RESISTANT TO SALTY FOG	EN50130-5 EN60068-2-52
SURGE IMMUNITY	UP TO 2KV LINE TO LINE; UP TO 4KV LINE TO EARTH (CLASS 4) RTSP / HTTP

PROTOCOLS

DAY IMAGING SENSOR

VIDEO

VIDEO IMAGING DEVICE

1/1.9" 2.38MP Sony CMOS

TOTAL / EFFECTIVE PIXELS

Full HD/1080P (1920x1080)

SYNCHRONIZATION

Internal

VIDEO COMPRESSION

H.265 /H.264/ MJPEG

HORIZONTAL RESOLUTION

>1000TVL

MIN. ILLUMINATION

COLOR: 0.05LUX (F1.6,AGC On), IRC On

S / N RATIO

>52DB

DATA INTERFACES

40-Pin FFC, Ethernet, Alarm In/Out, RS485, linear Audio
In/Out

LENS

FOCAL LENGTH

F10~550mm

ANGULAR FIELD OF VIEW (D*H*V)

Wide: 70° x 59.8° x 44.4°

Tele: 3.76° x 3.0° x 2.24°

FOCUS CONTROL

Auto Focus, ZF (Zoom Trigger AF), Manual Focus

PROTOCOLS

IPv4, TCP/IP, UDP, HTTP, DHCP, RTP/RTCP/RTSP, FTP,
UPnP, DDNS, NTP, IGMP, ICMP

THERMAL IMAGING SENSOR

DUAL FOV	45/135mm
SPECTRAL RANGE	7.5-14 μm
NUMBER OF PIXELS	640 X 480
ANALOG VIDEO OUTPUT	CCIR/RS-170 PAL /NTSC
DIGITAL VIDEO OUTPUT	CAMERA LINK
FRAME RATE*	25/30 HZ
PIXEL SIZE	17 μm
REMOTE CONTROL	RS-232 OR RS-422
CONTROL OPERATION	VIDEO POLARITY, NUC, ZOOM
NETD	35MK@WFOV

VIDEO ANALYTICS ENCODER

SUPERB VIDEO QUALITY
MULTIPLE H.264 STREAMA
IMAGE SETTINGS ADJUSTMENT
INTELLIGENT VIDEO CAPABILITIES
POE
AUDIO
LOCAL STORAGE

OPTIONAL:

*PICTURE IN PICTURE VIDEO MIXER PROCESSOR

DIMENSIONS

