

CAMERA

# PT-8000-HD180

## KEY FEATURES

- **AI VIDEO ANALYTICS**  
8 Intelligent OCR modes powered by AI engine which filters objects to focus on human and vehicle detection
- **FIELD OF VIEW**  
180° FOV for situational awareness
- **RESOLUTION**  
4K Resolution
- **OBJECT & PEOPLE COUNTING**  
Real time AI based object/people counting, including statistic reports for operational efficiency



## LEARN MORE ABOUT THIS PRODUCT

### Ultra Low Light

Able to deliver high detailed color images even in 0LUX low light environments using IR.

### Smart IR II

Self Adjusting Infrared high beam and low beam functionality suitable for all lighting conditions. Up to 15m across the 180° FOV.

### HLC

High Light compensation. Improving image visibility under strong light sources.

### Local Storage Backup

Up to 1 Terabyte local storage for video backup.

### 120dB Super WDR

The cameras built in Super WDR produces quality images across all ranges of light level.

### IP67-Rated Resistance

Camera is built to withstand all weather conditions.

### IK10-Vandal Proof

Camera withstands the highest rated impact testing using international standards.

## CREATE A SMART CITY

POWERED BY PACKETALK

- ✓ **Customize a mobile surveillance trailer**



◀ Diesel-Powered Surveillance Trailer PT-RD6000

- ✓ **Add a LPR**  
Our License Plate Recognition is an AI-based license plate detection, recognition and search solution with an accuracy as high as 98%.
- ✓ **Deploy iSMART**  
The interactive Situational Monitoring Analysis Response Tool (iSMART) is a proven real-time situational awareness, problem solving, and resource management

**QUESTIONS? CONTACT US AT**  
201 355 3323 OR [sales@packetalk.net](mailto:sales@packetalk.net)

**PACKETALK.NET**



For PDF of PT-8000-HD180



For more Packetalk Cameras

## SPECIFICATIONS

CAMERA		INTELLIGENT ANALYTICS	
Image Sensor	1/2.8" Progressive Scan CMOS	Video Analysis	VCA 2.0: Intrusion Detection, Region Entrance, Region Exiting, Advanced Motion Detection, Line Crossing, Loitering, Object Left, Object Removed
Min. Illumination	Color: 0.012Lux@F2.0 B/W: 0Lux with IR on	Attribute Extraction	Simultaneously detect up to 50 targets and capture humans and vehicles in real time. Recognize attributes including Upper and Lower Clothing Color, Hat and Vehicle Types (Bicycle, Car, Motorcycle, Bus, Truck, E-Scooter).
WDR	120dB Super WDR	Object Counting & Report	Count the number of people crossing the line, Support regional people counting for up to 4 detection areas
Shutter Time	1/100000s~1s	Heat Map	The built-in statistical behavior analysis enables you to identify the busiest areas within the environment
IR Distance	Up to 15m	EVENT	
Day/Night Mode	Day/Night/Auto/Customize/Schedule	Basic Event	Motion Detection, Tamper Detection, Network Disconnection, Audio Alarm, etc.
S/N	>55dB	Exception	Network Disconnection, IP Address Filtering, Record Failed, SD Card Full, SD Card Uninitialized, SD Card Error, No SD Card, Watermark
LENS		Event Action	FTP Upload, SMTP Upload, SD Card Record, SIP Phone, HTTP Notification, etc.
Lens	1.68mm @F2.0	GENERAL	
Field of View	H180°/V86°	Working Temp.	-40°C~60°C
VIDEO		Power Supply	PoE (802.3af) / DC 12V±10%
Max. Image Resolution	3840x2160	Power Consumption	Min: 4W (DC 12V), 5W (PoE) Max: 7.6W (DC 12V), 9W (PoE)
Video Compression	H.265+/H.265(HEVC)/H.264+/H.264/MJPEG	Weight	853g
Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)	Dimensions	Φ127mm X 107mm
IMAGE		Warranty	3/5 Years
Privacy Masking	Up to 8 Areas (Mask Area & Mosaic Area are optional)		
Image Setting	Brightness/Contrast/Saturation/Sharpness		
Image Enhancement	BLC, HLC, 2D DNR, 3D DNR, AGC, Defog, AWB, Deblur, Anti-flicker, Corridor Mode		
INTERFACE			
Ethernet	1*RJ45 10M/100M Ethernet Port		
Audio Interface	Built-in Microphone		
NETWORK			
Network Storage	NAS (Support NFS, SMB/CIFS), ANR		
Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL, TLS 1.2		
AUDIO			
Audio Compression	G.711/AAC/G.722/G.726		
Audio Sampling Rate	8/16/32/44.1/48KHz		
Audio Bit Rate	16~256kbps		
SYSTEM			
Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 1TB		
System Compatibility	ONVIF Profile G & M & S & T, API		

## GET IN TOUCH

### CONTACT US

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