

# PL-855C18M

5MP 18X Human Track Network PTZ



- 1/3" 5MP CMOS sensor
- High quality 18X industrial camera module
- Support dual stream encoding
- Linkage with sound/strobe light and auto track by human detection
- Built in with speaker and microphone
- Support tour/pattern/A-B scan function
- IP66 rating
- DWDR/BLC/2D&3D noise reduction
- PoE

## System Overview

PL-855C18M is featured by the mini compact design which is only 6 inches and easy for installation. Powered by the cutting edge human detection technology, it could guard your region safely and filter out the false alarm. Coming with default PoE function, it brings more convenience to the installer for cabling and saving the labor cost.

With pan speed up to 180°/s, and tilt speed up to 100°/s, it would promise a large HD video coverage and secured details. It's the ideal choice for SMB solutions, such as buildings, factories, schools which are designed for indoor and outdoor.

## Functions

### H.265

Delivering high quality video with up to 70% lower bandwidth. H.265 is the optimized evolution of traditional H.264.

H.265 technology includes a series of encoding strategy like Dynamic ROI, smart 2D&3D noise reduction etc to save up to 70% bandwidth and storage.

### Harsh conditions

ZKTeco PTZ cameras could run normally in harsh environment, working temperature range from -20°C~60°C with 90% humidity.

## Technical Parameters

| Camera             |  |
|--------------------|--|
| Model              | PL-855C18M   |
| Image Sensor       | 1/3" 5MP CMOS  |
| Lens               | 18X, f=5.4 ~ 97.2 (mm)                                     |
| FOV                | 55.4°(W) ~ 3.55°(T)  |
| Scanning System    | Progressive  |
| Electronic Shutter | Auto/Manual(1/5s-1/100,000s)                               |
| Min. illumination  | 0.05Lux(color), 0.01Lux(BW), 0 Lux with IR on              |
| IR range           | 7pcs Array LED+3pcs Laser IR+2pcs Warm Strobe Lights, 120m |

# PL-855C18M

## Video

|                   |  |                 |   |
|-------------------|--|-----------------|---|
| Compression       | H.265 / H.264  | WDR             | DWDR  |
| Resolution        | Main Stream: 5MP@25f/s<br>Sub Stream: 640*480@25f/s                | Day / Night     | Auto(ICR)/Color/B/W   |
| Bit Rate Control  | CBR/VBR  | White Balance   | Auto/Custom/Locked WB/<br>Incandescent Lamp/Warm Light/<br>Natural Light/Fluorescent Lamp |
| Bit Rate          | Main Stream: 2Mbps ~ 8Mbps<br>Sub Stream: 160Kbps ~ 896Kbps        | Gain Control    | Auto  |
| Audio Compression | G.711a/G.711u(32Kbps)/PCM(128Kbps)                                 | Noise Reduction | 2D & 3D DNR   |
| BLC               | Supported  | Privacy Mask    | Up to 5 areas   |
| Human Detetion    | Linkage with Sound/Strobe light and Track by human detection alarm |                 |   |
| Audio I/O         | Built-in with Speaker and Microphone                               |                 |   |

## Network

|          |                                    |                  |                     |
|----------|------------------------------------|------------------|---------------------|
| Protocol | TCP/IP, UDP, HTTP, DHCP, RTSP, NTP | Max. online User | 3                   |
| Onvif    | Onvif profile S                    | Web Browser      | IE, Chrome, Firefox |

## P/T

|                |  |                      |                      |
|----------------|--|----------------------|----------------------|
| Pan/Tilt Range | Pan: 0°~360°, Tilt: -5°~90°  | Ingress Protection   | IP66                 |
| Pan Speed      | 0~180°/s   | Working Environment  | -20°C ~ 60°C, RH<90% |
| Tilt Speed     | 0~100°/s   | Power Supply         | PoE/DC 12V4A         |
| Preset         | 255  | Lightning Protection | EDS 4000V            |
| Preset Speed   | 7-Level selection  | Tour Group           | 8                    |
| Pattern Group  | 4  | A-B Scan Group       | 8                    |
| Auto Mode      | Support Idle motion, Power-on auto detection,<br>Rotation speed changes with optical zoom proportionally |                      |                      |
| Protocol       | Pelco-D, Pelco-P   | Dimensions           | Φ185 * 375 (mm)      |
| Net Weight     | 3.5kg  | Gross Weight         | 4.5kg                |

## Order Information

| Type           | Part Number | Description                  |
|----------------|-------------|------------------------------|
| 5MP PTZ Camera | PL-855C18M  | 6 inches 5MP PTZ camera, 18X |

Dimensions (mm)

