

# Datesheet

## PTZ-4518X-IS

5 MP 18X IR PTZ Network Camera



### Key Features

- 1/2.8" IMX335 CMOS
- 2592 x 1944@30fps
- H. 265+, H. 265, H. 264
- F1.6-3.8 18x lens
- Built-in Mic & Speaker
- IR Light Range: up to 100 m
- BLC/3D DNR/HLC/WDR/HDR
- Water and dust resistant (IP65)
- Color: 0.01 lux @(F1.6), 0 lux with light

## Specifications

| Camera                  |                                                                                                           |
|-------------------------|-----------------------------------------------------------------------------------------------------------|
| Image Sensor            | 1/2.8" Progressive Scan CMOS<br>Color: 0.01 Lux @(F2.0, AGC ON)                                           |
| Min. Illumination       | B/W: 0.004 Lux @(F2.0, AGC ON)<br>0 Lux with IR                                                           |
| White Balance           | Auto/Manual                                                                                               |
| Shutter Speed           | 1/10 s to 1/10,000 s                                                                                      |
| Day & Night             | IR Cut Filter                                                                                             |
| Digital Noise Reduction | 2D/3D DNR                                                                                                 |
| WDR                     | Support                                                                                                   |
| Privacy Mask            | 4 programmable privacy masks                                                                              |
| Lens                    |                                                                                                           |
| Focal Length            | 4.7-84.6mm lens, 18 × optical zoom                                                                        |
| Field of View           | Horizontal field of view: 51.8° to 5.86° (Wide-Tele)<br>Vertical field of view: 39.1° to 4.4° (Wide-Tele) |

## PTZ

|                       |                                                         |
|-----------------------|---------------------------------------------------------|
| Movement Range (Pan)  | 0° to 360°                                              |
| Movement Range (Tilt) | 0° to 90°                                               |
| Pan Speed             | Configurable, from 0.5°/s to 60°/s. Preset speed: 60°/s |
| Tilt Speed            | Configurable, from 0.5°/s to 60°/s. Preset speed: 60°/s |
| Preset Points         | 255                                                     |
| Guard Tours           | 8 groups                                                |
| Guard Points          | Max. 32 points                                          |
| Proportional Zoom     | Yes                                                     |
| Power-off Memory      | Yes                                                     |
| AutoTracking          | HumanTracking                                           |

## Compression Standard

|                   |                                                                   |
|-------------------|-------------------------------------------------------------------|
| Video Compression | Main stream: H.265+,H.265,H.264<br>Sub-stream: H.265+,H.265,H.264 |
| H.265 Type        | Baseline profile/Main profile/High profile                        |
| H.265+            | Yes                                                               |

## Event

|             |                                |
|-------------|--------------------------------|
| Basic Event | Motion Detection               |
| SmartEvent  | Humandetection,Vehicedetection |

## IR

|             |       |
|-------------|-------|
| IR Distance | 100 m |
| IR LED      | 6PCS  |

## Image

|                   |                                                                        |
|-------------------|------------------------------------------------------------------------|
| Max. Resolution   | 2592 x 1944                                                            |
| Main Stream       | 30fps @2592 × 1944,30fps@2560 × 1440,25fps@2048 x1520,30fps@/1080P/720 |
| Sub-Stream        | 25fps @D1/VGA/640x360/480 x360 /CIF                                    |
| Image Enhancement | BLC/3D DNR/HLC/WDR                                                     |

## Network

|                        |                                                             |
|------------------------|-------------------------------------------------------------|
| Network Storage        | Support Local storage and NFS,NVR,APP Cloud Storage         |
| Protocols              | TCP/IP/IPv4/IPv6/HTTP/RTSP/NFS/DHCP/NTP/SMTP/FTP/SSL        |
| General Fuction        | Privacy Masks, Horizon/Vertical Flip>Password Reset,Upgrade |
| API                    | ONVIF (Profile S, Profile G, Profile T)                     |
| Simultaneous Live View | Up to 20 channels                                           |
| User/Host              | 3 levels: Administrators, Operators and Users               |
| Client                 | AJ_Client,AC18Pro,Videolink                                 |
| Web Browser            | IE 8+ ,Chrome 57.0+, Firefox 52.0+                          |

## Interface

|                   |                                                               |
|-------------------|---------------------------------------------------------------|
| Network Interface | 1 RJ45 10 M/100 M Ethernet, PoE                               |
| Power             | 12V DC                                                        |
| Audio IN          | N/A                                                           |
| Audio Out         | N/A                                                           |
| RS485             | N/A                                                           |
| SD Card slot      | Built - in memory card slot,support micro SD card,up to 512GB |

## General

|                     |                                                                                    |
|---------------------|------------------------------------------------------------------------------------|
| Web Client Language | 14<br>languages:English,Russian,German,Italian,Turkish,Korean,Japanese,Traditional |
| Power               | 12V DC ≤ 3A , 20W MAX/POE(802.3at)                                                 |
| Working Environment | Temperature: -20°C to 60°C (-4°F to 140°F), humidity: ≤ 90%                        |
| Protection Level    | IP66                                                                               |
| Material            | Metal                                                                              |

|           |                                          |
|-----------|------------------------------------------|
| Dimension | Camera:136x222mm(5.35"×8.74")            |
|           | Package:170×170×275mm(6.69"×6.69"×10.8") |
| Weight    | Apporx.1.35kg(2.98lb)                    |
|           | Apporx.2.0kg(4.63lb)                     |