

# POLAR 18X



Heated from 50° Below Zero and has integrated Windshield Wiper

The Polar series of Pan/Tilt/Zoom Cameras from Rugged CCTV are designed to withstand extreme temperatures from -50°F up to 135°F.

The Sony Super HAD Camera body has 480 Lines of Resolution and an amazing low light rating of 0.1 Lux.

The Polar-18X has a high output heating element to melt off snow and ice, and an integrated wiper to wipe away the melted water. The built-in blower also helps to distribute the heat evenly, prevent fogging and cool the enclosure to desert-like conditions.

The Polar-18X is equipped with an 18X Zoom Lens (3.9 to 63mm) and is coupled to a 12X digital zoom for seamless zooming up to a total of 216X Zoom.

12V AC or 24V AC  
(specify your choice when ordering)

|                    |                                |
|--------------------|--------------------------------|
| Image Sensor       | 1/4" Super HAD CCD             |
| Active Pixels      | 752H x 582V                    |
| Synchronization    | Internal                       |
| Video Output       | VBS 1.0Vp-p / 75 ohms          |
| White Balance      | Auto/Manual                    |
| Scanning Frequency | 15625Khz (H) x 60Hz (V)        |
| Resolution         | More than 480 Lines            |
| S/N Ratio          | More than 46dB                 |
| Electronic Shutter | 1/50~1/30000s                  |
| Lux                | 0.1 Lux                        |
| Lens Focal Length  | f=3.9~63mm                     |
| Zoom               | 216X (18X Optical 12X Digital) |
| Tilt Speed         | 0~40°/s                        |
| Pan Rotation       | 360°                           |
| Tilt Rotation      | 90° (180° Auto Overturn)       |
| Preset             | 64                             |
| Control Way        | Multiprotocol, RS485           |
| Relative Humidity  | 10-75%                         |
| Work Temperature   | -50°F - +135°F                 |
| Power Source       | DC15VA+/- 10%, 1.5A, External  |
| Power Consumption  | 15VA                           |
| Weight             | 2Kg                            |



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