



Key features of telephoto cameras



- ❖ Support for 1280x720@30fps resolution.
- ❖ Supercapacitor protection ensures that regular work will not be affected in case of instantaneous power failure.
- ❖ Automatic day and night switching; digital noise reduction; comprehensive dynamic function automatic exposure response algorithm; automatic white balance algorithm;
- ❖ Water and dust-resistant design under IP54 class for high reliability.
- ❖ Support for ONVIF version 2.4 with motion detection.
- ❖ Support for power supply 2-pin WAGO connector DC24V.
- ❖ Support for DB9 custom wiring to define network data interfaces.
- ❖ Designed primarily for locomotive video surveillance requirements.
- ❖ Monitoring of fast moving objects and strong adaptability to fast and complex scene changes
- ❖ Seismic structural design.

Specifications

| Item | | Specifications |
|--------------------|--------------------------------|-----------------------------------|
| Imaging lenses | Horizontal field-of-view angle | >55° |
| | Vertical field-of-view | >29° |
| | Focal length | 6mm (typical) |
| Sensing parameters | Sensor Type | ≥1/3" CMOS imaging target |
| | Shutter | 1/50th to 1/100,000th of a second |



Telephoto Camera

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| | Imaging pixels | Progressive scan 1 million pixels or more |
| | Signal-to-noise ratio | >60dB |
| | Minimum Illumination | Colour: 0.05ux/F1.2; B/W: 0Lux (IR LED ON) |
| Video parameter control | Wide Dynamic | Support |
| | White balance mode | Support |
| | Backlight compensation method | Support |
| | Exposure mode | Support |
| Compression standard | Video Compression Standard | H.264 |
| | Output stream | 32Kbps~8Mbps, support fixed bit rate or dynamic bit rate adjustment |
| | Max. image size | Not less than 1280*720 |
| | Code Stream Type | Supports dual streams. Main stream: not less than 720P at 25fps Sub-stream: not less than D1, 25fps |
| Network functions | Support protocol | TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE,SMTP,NTP, SNMP, HTTPS, FTP, 802.1x,QoS(SIP, SRTP, Ipv6 optional) |
| Interface protocol | GB/T 28181-2011, ONVIF2.0 and customised protocols | |
| Alarm functions | Provides alarm functions such as full video blocking and video loss | |
| Other functions | Supports dual-stream, anti-flicker, heartbeat signal, multi-level user | |



Telephoto Camera

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| | management and password protection. | |
| Security level | Explosion protection class | GB20138-2006 IK10 |
| | Protection class | IP54 (front) |
| Power supply specification | Power supply | DC24V, allowing fluctuation in the range of DC20V~DC26V, can meet the requirements of train applications. |
| | Power consumption | Less than 7W |
| Overall weight | Less than 1kg | |

Dimensions

