PRODUCT DOCUMENT

IPC2252-HN-SIR — User Manual

2.0MP HD Network IR Bullet Camera • Configuration, operation & maintenance

1. Product identification

The IPC2252-HN-SIR is a Kedacom 2.0MP HD Network IR Bullet Camera using a 1/3-inch progressive-scan CMOS sensor. It provides 1080p@30fps video, H.265/H.264/MJPEG encoding and integrated Smart IR.

2. Video configuration

The camera provides a 1080p main stream and D1 secondary stream, both documented at up to 30fps. Configure bitrate and codec according to the NVR and network requirements.

3. Image and low-light operation

The camera supports Auto ICR/Color/B/W day-night modes, Digital WDR, BLC/HLC and 3D noise reduction. Smart IR provides 30m or 50m coverage depending on the installed lens variant.

4. Intelligent analytics

Kedacom lists motion detection, tampering, guard line, defocus, scene change, enter/exit guard area, object left/removal, gathering and audio-surge functions for this model.

5. Network and interfaces

Interface	Documented capability
Ethernet	10/100M RJ45
Audio	Bi-directional audio; 2-channel audio input simultaneously
Alarm	Alarm input and output
Video output	Video output supported
RS485	RS485 control interface
Storage	TF card slot; Automatic Network Replenishment (ANR) supported
Protocols	TCP/IP, UDP, HTTP, DHCP, DNS/DDNS, RTP/RTCP, RTSP, PPPoE, FTP, SMTP and related network protocols

6. Recording and storage

The IPC2252-HN-SIR supports a TF card slot and Automatic Network Replenishment (ANR). Configure local storage and NVR recording according to the required retention policy.

7. Troubleshooting

No live video: verify power, Ethernet link, IP address and NVR/client compatibility.
Night image issue: verify ICR/day-night mode, Smart IR and lens condition.
Recording issue: verify stream settings, storage health and network bandwidth.
Analytics issue: verify the rule and detection area are enabled and correctly configured.

8. Maintenance

Keep the lens and protective glass clean. Inspect the housing, cable entries and mounting hardware during scheduled maintenance. Maintain IP66 integrity for outdoor installations.

9. Safety

Installation and servicing should be performed by qualified personnel using current Kedacom documentation and approved project requirements.

Source note

Official Kedacom product page: IPC2252-HN-SIR 2.0MP HD Network IR Bullet Camera. The manufacturer documents a 1/3-inch progressive-scan CMOS sensor, 1080p@30fps, H.265/H.264/MJPEG, 0.03 lux color, Digital WDR/HLC/3D noise reduction, 30–50m Smart IR, motion/tampering/guard-line and other intelligent functions, dual stream (1080p + D1), TF storage with ANR, PoE and IP66.