

IP-CAMERA(ISO/OSI)

The ISO/OSI model layers work collaboratively to enable the transmission of images from cameras to the recording server in an IP-based video surveillance system. The physical layer deals with the raw binary data, the data link layer ensures reliable communication within the local network, the network layer handles IP addressing and routing, the transport layer ensures reliable data delivery, the session layer manages communication sessions, the presentation layer translates the format of image data, and the application layer contains protocols specific to video surveillance applications, facilitating video streaming;

1. Physical layer
2. Data Link layer
3. Network layer
4. Transport layer
5. Session layer
6. Presentation layer
7. Application layer