Optical
Wireless
Communication

Connect Our Future
Use "light" for our future communication

Wired communication is the simplest means of digital signal communication in everyday life. Visible wires, also called cables, are used for communication. Invisible (or wireless) means of communication, including radio waves (spread spectrum), which are used for terrestrial digital TV broadcasting, radio broadcasting, Wi-Fi networks, and smartphones. The era of optical wireless communication is just around the corner. With increased chances of communication and with the huge amounts of information, you need to communicate large volumes data quickly now. So in the near future, optical wireless communication will be an essential communication means in everyday life.

 fifteen features of optical wireless communication

1. Enables communication where conventional wired and wireless communication cannot help.
2. Maintains stable communication speeds.
3. Free from communication delays
4. No communication failures due to cross-talk
5. No communication fees

Installing equipment across a large river or a broad road is not only difficult but expensive as well. Crowded radio-wave communication causes cross-talk and noise interference.

Optical wireless communication is the third major means of communication; Useful in everyday life, easy to install, and easy to use.

Wide used for data communication such as collecting images from surveillance cameras in these facilities.