

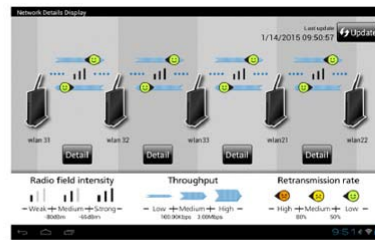
Mitsubishi Electric Develops Multihop Wireless Network for Surveillance Cameras 1/28/2015

Instant implementation simply by adding wireless cameras to WLAN using visualization software

Mitsubishi Electric Corporation (TOKYO: 6503) has developed a wireless network system for surveillance cameras that uses multihop technology to enable users to set up a network simply by connecting the wireless cameras using visualization software, without any need for power cords or a wired LAN.



Wireless surveillance camera



Visualization software showing signal status

Surveillance cameras with wireless LAN function capability are commercially available, they require an AC power supply. A wired LAN and routing equipment are also required to network multiple cameras.

Mitsubishi Electric's new system, however, uses multihop technology to transmit the video images via a bucket relay system, eliminating the need for a wired LAN or routing equipment. In addition, the cameras are battery-powered for easy, flexible installation. Reliability is enhanced by monitoring the wireless channels' status to control data volume and thereby reduce possible interruptions.

Mitsubishi Electric's visualization software is a simple user interface for monitoring the wireless channels. It instantly visualizes signal conditions and possible breakdown locations to enable users to find the best locations for installing cameras. Even non-technical persons can build and operate a network.

The demand is rising for surveillance camera networks, including for one-time events such as marathons or outdoor concerts, to ensure safety and security. Mitsubishi Electric's new wireless surveillance camera network is expected to help meet this demand by reducing installation costs and labor. The system can also be used to complement existing wired LAN-based surveillance camera networks.

About Mitsubishi Electric Corporation

With over 90 years of experience in providing reliable, high-quality products, Mitsubishi Electric Corporation (TOKYO: 6503) is a recognized world leader in the manufacture, marketing and sales of electrical and electronic equipment used in information processing and communications, space development and satellite communications, consumer electronics, industrial technology, energy, transportation and building equipment. Embracing the spirit of its corporate statement, Changes for the Better, and its environmental statement, Eco Changes, Mitsubishi Electric endeavors to be a global, leading green company, enriching society with technology. The company recorded consolidated group sales of 4,054.3 billion yen (US\$ 39.3 billion*) in the fiscal year ended March 31, 2014. For more information visit <http://www.MitsubishiElectric.com> *At an exchange rate of 103 yen to the US dollar, the rate given by the Tokyo Foreign Exchange Market on March 31, 2014