

<http://www.cubic.com/Solutions/Defense-Systems/Applied-Innovations/Mini-Common-Data-Link>



[Defense Systems](#)

## Mini Common Data Link

The role of small UAVs in military operations is rapidly expanding. Cubic is applying advances in digital signal processing, information transmission, and miniaturization to develop high performance data links needed for small UAVs.

Cubic's Mini CDL enables small UAVs to carry an increased communications bandwidth because of its small size, low power consumption, and low weight. The system includes air and ground terminals which send and receive full motion, high resolution video transmissions in support of a growing range of intelligence, surveillance, and reconnaissance capabilities.

Because Mini CDL uses the standard CDL waveform, it provides the essential means to communicate with other CDL terminals. Our mini data link provides very fast link acquisition, minimizes interference to other systems operating on nearby frequencies, and maximizes the number of links that can operate in a given spectrum and tactical operations area.