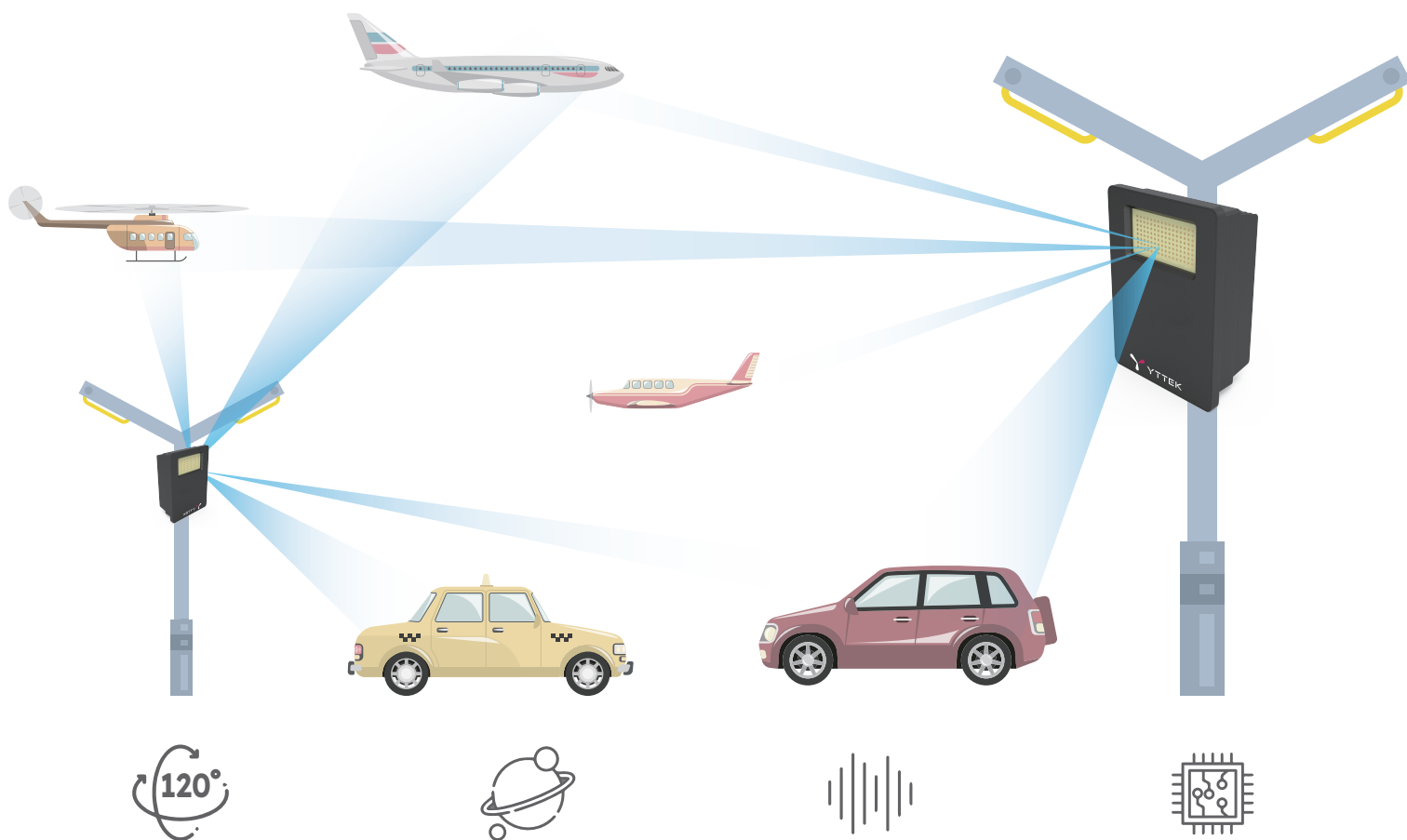



.BEAM S
5G mmWave FEM


Dual Polarization
120 degrees
 Elevation and Azimuth

800 MHz Bandwidth
 61dBm @3%EVM

26.5~29.5GHz
 Frequency

Beam Switching
 Time **4us** @10MHz
 SPI Clock Rate

Y. Beam S is a 28GHz 5G mmWave antenna array front-end module dedicatedly developed for the high-speed data conversion subsystem (HS-DCS) interface of NXP LA1224 Bonnyrigg platform. Y. Beam S internally integrates modulators, demodulators, up/down converters, and beam-formers.

A special extra low-cost and high-performance antenna array design to meet both high performance and different coverage strict requirements of commercialization.

■ Anokiwave beamformer IC ■ Anokiwave up/down converter IC