

# PH8

## True Global Coverage with 3G

The new Cinterion PH8 HSPA+ cellular machine-to-machine (M2M) module offers a smart solution for wireless connectivity today and in the future. With the latest HSPA+ technology, PH8 is optimized for high bandwidth and allows for speeds up to 14.4 Mbps for downlink and 5.7 Mbps for uplink. PH8 is available in two versions, the PH8 and PH8-P. Operating on quad-band GSM/GPRS, EDGE and five-band UMTS/HSPA+ (PH8: 800/850, AWS, 1900, 2100 MHz and PH8-P: 800/850, 900, 1900, 2100 MHz), PH8 provides true worldwide coverage and reliability even while roaming across different wireless network technologies. (PH8 data sheet)

By enabling a full range of M2M functions and features, PH8 protects your technology investment by ensuring reliable communications today while allowing room for growth to 3.5G cellular technology on evolving GSM networks for many years to come. PH8 offers an ideal communication solution for the challenging requirements of a variety of M2M applications such as ruggedized mobile computing, security solutions, medical equipment, payment systems and gateway routers.Â Â

Cinterion's PH8 offers GPS capabilities with three antennas for HSPA diversity and concurrent GPS tracking. An intelligent single-sided design provides superior heat dissipation characteristics. With an 80-pin B2B connector, PH8 easily supports migration from 2G to 3G and is based on a state-of-the-art chipset for an extended product life cycle.

(PH8 data sheet)