

PRODUCT PROFILE # 546C

INTREPID™

SOFTWARE DEVELOPMENT KIT (SDK)

Southwest Microwave, Inc. offers Software Development Kit (SDK) documentation for the INTREPID™ Remote Polling Module II (RPM II) for INTREPID Series II sensors and devices and Power over Ethernet-S (POE-S) sensors and devices. These SDK resources allow programmers to develop and interface these products to graphic displays, CCTV matrix equipment, DVRs, NVRs and other associated monitoring systems provided by third party suppliers. SDK facilitates customization to the monitoring system without having to deal with the supervisory functions of the INTREPID hardware communications.

The Remote Polling Module II (RPM II) SDK is an application layer protocol / hardware combination that provides a method for third party control or monitoring systems to interface with the INTREPID Series II sensors and auxiliary devices through the RPM II via TCP/IP socket layer. The Series II devices are: MicroPoint™ II, MicroNet™ II, MicroTrack™ II and MicroWave 330 perimeter intrusion detection systems plus Alarm Input Module II and Relay Output Module II.

The INTREPID™ POE Communications SDK is an application layer protocol that provides the Master/Slave communications between control equipment and INTREPID POE-S sensors & peripherals and support running IPP II over an Internet Protocol (IP) network using system messages for exchanging credentials, procedures for establishing authenticated TCP connections between IPP II nodes, and encapsulating IPP II messages in TCP. This protocol uses a packet/frame format to send/receive messages between a master and a slave. This specification should be used by system designers who want to develop their own interfaces to INTREPID POE-S sensors and auxiliary devices including: MicroPoint™-POE-S (PM-POE-S), 316-POE-S, 334-POE-S, 336-POE-S, 390, 395, Alarm Input Module-POE-8S (AIM-POE-8S) and Relay Output Module-POE-S (ROM-POE-S).

To request a copy of either of these SDK resources, contact your Southwest Microwave representative, or email us at infossd@southwestmicrowave.com. Please provide your name / title, company name, address, telephone number and email address. There is no charge for this documentation. Use the following part numbers to request the desired material.

57A46792-A01 Remote Polling Module II SDK Specification (MicroPoint II, MicroTrack II, MW 330, AIM II, ROM II).

57A47169-A01 INTREPID POE Communications SDK Specification (PM-POE-S, 316-POE-S, 334-POE-S, 336-POE-S, AIM-POE-8S, ROM-POE-S).