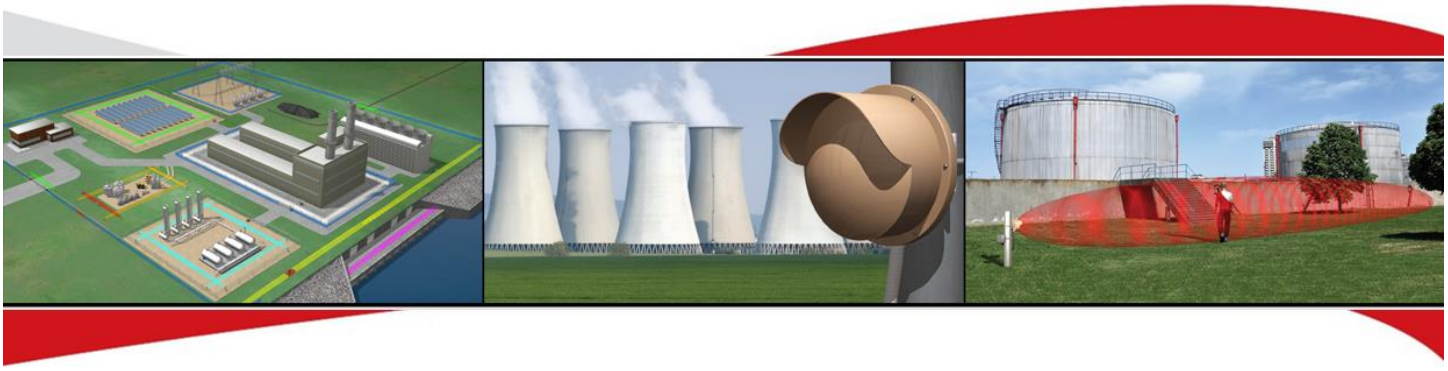
NEWS FROM
SOUTHWEST MICROWAVE

INTEGRATED PERIMETER SECURITY SOLUTIONS



PRODUCT RETIREMENT NOTICE	Analog Microwave Intrusion Detection Sensors	
	Model 300B **Model 300B-33257**	**Model 316 (Analog version)** **Model 310B** **Model 310B-33259**

Please be advised of the impending retirement of the below Southwest Microwave analog microwave sensor models. We encourage you to plan in advance of these dates to ensure adequate inventory of spare parts and to consider your Path to Upgrade options for our newer digital sensor models.

Spare and replacement parts will be available for purchase through December 31, 2022. Repair services will continue through 2027. Technical support will be available through the life of your system.

Given our focus on advanced digital and networked solutions, Southwest Microwave has introduced a broad range of digital and IP-based POE microwave intrusion detection links as new-generation alternatives to our analog sensors. These digital solutions couple Southwest Microwave's industry-leading RF detection performance capabilities with proprietary digital signal processing (DSP) to optimize discrimination between intrusion attempts and harmless environmental disturbances, mitigating risk of site compromise while preventing nuisance alarms.

Performance enhancements of our digital microwave links include the following:

- User-friendly software setup simplifies sensor configuration alignment and testing.
- Advanced digital signal processing recognizes unique profiles of intruders walking, running, jumping or crawling through the detection field and optimizes performance in narrow corridors.
- Fresnel Suppression Algorithms minimize nuisance alarms by suppressing outer field disturbances caused by nearby fence vibration or vehicle traffic.
- Path Alignment Alarm provides early warning alert when the RF pattern is compromised by the presence of foreign objects such as accumulating snow or parked vehicles.
- Integrated EMI/RFI shielding to protect sensor electronics against electromagnetic or RF interference.
- Six crystal-controlled, field-selectable modulation channels with narrow band filtering to prevent interference between sensors. Units can be dual, triple or quad-stacked for ultra-high security applications.
- Flexible input power from 10.5 to 60 VDC (digital models) or IP-based communications and power via single Ethernet connection (digital POE models).

The upgrade path from analog to digital sensors is simple, in most cases simply calling for replacement of original system hardware with its digital equivalent (see chart on the following page). **These digital devices have the same fit, form and function as the analog sensors they replace.**

Southwest Microwave and our certified Partners can support you in upgrading your current analog microwave sensors to digital technologies. We encourage you to contact us for a customized system proposal for your consideration.

For further information, please visit www.southwestmicrowave.com/analog-digital-upgrade.

Path to Upgrade: Analog to Digital Microwave Sensors

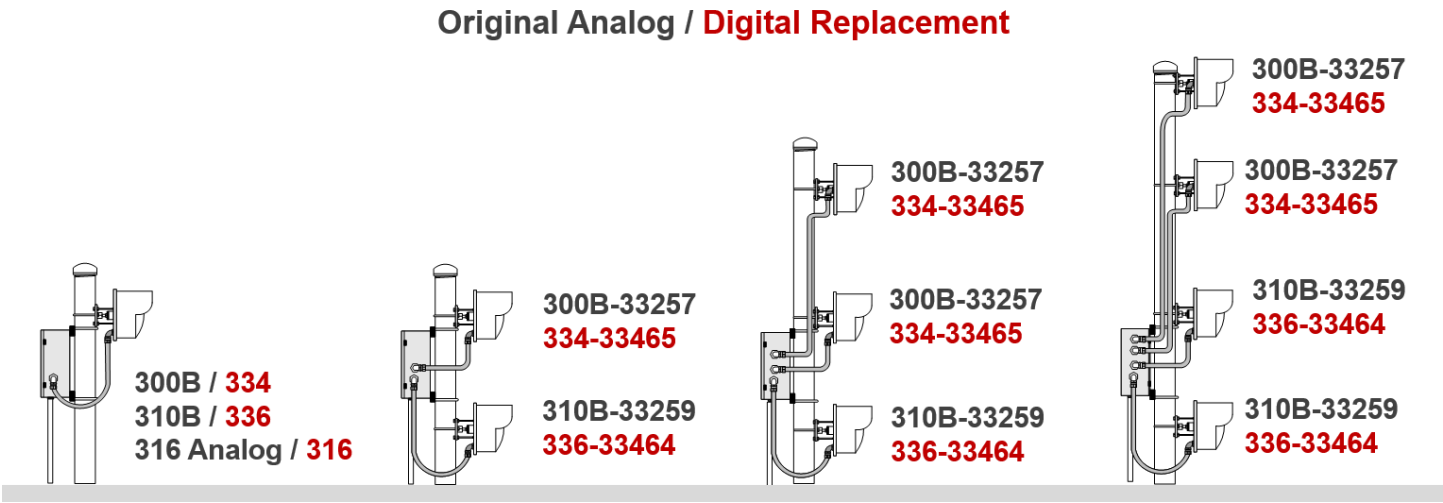
Model	Analog Sensor	Digital Sensor Replacement*
X-Band	Model 300B	Model 334
	Model 300B-33257 (Hi-Rel)	Model 334-33465 (Hi-Rel)
K-Band CE certified	Model 316 (Analog)	Model 316
K-Band	Model 310B	Model 336
	Model 310B-33259 (Hi-Rel)	Model 336-33464 (Hi-Rel)

**As an alternative to the standard digital microwave links, IP-based, Power over Ethernet versions are also available for standard and Hi-Rel applications: INTREPID™ Model 316-POE-S, Model 334-POE-S and Model 336-POE-S.*

Additionally, the MicroWave 330 digital microwave sensor offers the convenience of single platform networking with our MicroPoint™ II fence detection system and/or MicroTrack™ II buried cable system.

End of Life Timeline

Hardware, Spares and Replacement Parts	December 31, 2022, contingent on component availability
Repair Service	December 31, 2027, contingent on component availability
Technical Support	Life of the system



Southwest Microwave will be retiring its full range of analog volumetric links (with the exception of TASS units), including a number of specialty analog sensors (300B-33XXX and 310B-33XXX) not listed above. To discuss Path to Upgrade for these specialty sensors, please contact Southwest Microwave.