

Product	<p>WS303 Mini Leak Detection Sensor</p>	<p>EM300-MLD Membrane Leakage Detection Sensor</p>	<p>EM300-SLD Spot Leakage Detection Sensor</p>	<p>EM300-ZLD Zone Leakage Detection Sensor</p>
Trigger Condition	<p>Once Liquid Level Reaches 0.5mm</p>	<p>When the Sensing Film Contact Conductive Liquid</p>	<p>Once Liquid Level Reaches 0.5mm</p>	<p>Once Liquid Level Reaches 0.5mm</p>
Trigger Media	<p>2 Metal Probes</p>	<p>400 × 400 × 0.25 mm Printed Leakage-Detecting Film (The size can be customizable)</p>	<p>Probes</p>	<p>Rope</p>
Detection Range	<p>Spot</p>	<p>Zone</p>	<p>Spot</p>	<p>Zone</p>
Typical Applications	<ul style="list-style-type: none"> Precision computer rooms Museums Libraries Archives Office spaces Kitchens Restrooms 	<p>HomeBuilding: Adhered to the bottom of objects prone to leakage such as HVAC systems and refrigerators.</p> <p>Construction Industry: Indoor water leakage situations: Water pipe pipelines.</p>	<ul style="list-style-type: none"> Scientific laboratories Archives Communication base stations Warehouses Server rooms Equipment cabinets Cold chain logistics Shopping malls Workshops 	<ul style="list-style-type: none"> Scientific laboratories Archives Communication base stations Warehouses Server rooms Equipment cabinets Cold chain logistics Shopping malls Workshops
Battery Life	<p>5 Years</p>	<p>Up to 10 Years</p>	<p>10 Years</p>	<p>10 Years</p>
Installation	<p>Fixed by 3M Tape</p> <p>Wall Mounting</p> <p>Placement Installation</p>	<p>Wall Mounting</p>	<p>Wall Mounting</p>	<p>Wall Mounting</p>

By utilizing different detection methods, real-time monitoring of point and area leakage can be achieved, enabling the detection and response to water leaks in various application scenarios.



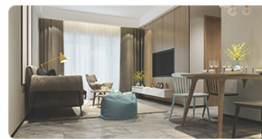
Building



Computer Room



Hvac System

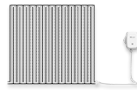


Apartment





Mini Leak Detection Sensor
WS303



Membrane Leakage Detection Sensor
EM300-MLD



Spot Leakage Detection Sensor
EM300-SLD



Zone Leakage Detection Sensor
EM300-ZLD

	Mini Leak Detection Sensor WS303	Membrane Leakage Detection Sensor EM300-MLD	Spot Leakage Detection Sensor EM300-SLD	Zone Leakage Detection Sensor EM300-ZLD
Trigger Condition	Once Liquid Level Reaches 0.5mm	When the Sensing Film Contact Conductive Liquid	When Liquid Level Reaches 5mm	When Liquid Level Reaches 5mm
Trigger Media	2 Metal Probes	400 × 400 × 0.25 mm Printed Leakage-Detecting Film (The size can be customizable)	Probes	Rope
Detection Range	Spot	Zone	Spot	Zone
Typical Applications	Precision computer rooms, museums, libraries, archives, office spaces, kitchens, restrooms, etc.	Home Building: Adhered to the bottom of objects prone to leakage such as HVAC systems and refrigerators. Construction Industry: Indoor water leakage situations; Water pipe pipelines.	Scientific laboratories, archives, communication base stations, warehouses, server rooms, equipment cabinets, cold chain logistics, shopping malls, workshops, etc.	Scientific laboratories, archives, communication base stations, warehouses, server rooms, equipment cabinets, cold chain logistics, shopping malls, workshops, etc.
Cable Free	√	×	×	×
Advanced Features	Milesight D2D	Milesight D2D Controller Data Storage Data Retransmission	Milesight D2D Controller Data Storage Data Retransmission	Milesight D2D Controller Data Storage Data Retransmission
Cable Length	/	1000mm (Customizable)	1.5m (Customizable)	3m (Customizable)
Power Supply	1 × 590mAh CR2450 Lithium Battery	1 × 4000 mAh ER18505 Li-SOCL2 Battery (Extendable to 2 Batteries)	1 × 4000 mAh ER18505 Li-SOCL2 Battery (extendable to 2 batteries)	1 × 4000 mAh ER18505 Li-SOCL2 Battery (extendable to 2 batteries)
Battery Life	5 years (One hour leakage per week, 25°C)	Up to 10 Years (One hour Leakage per Day, 25°C)	10 years (10 min interval + 24 triggers per day)	1 × 4000 mAh ER18505 Li-SOCL2 Battery (extendable to 2 batteries)
Operating Temperature	-10°C to +60°C	-30°C~70°C	-30°C~70°C	-30°C~70°C
Relative Humidity	0% to 100% (Non-condensing)	0% to 95% (non-condensing)	0% to 100% (non-condensing)	0% to 100% (non-condensing)
Color & Material	ABS+PC, White	White Flame, ABS + PC (Retardant)	/	/
Ingress Protection	IP67	IP67	IP67	IP67
Dimension	63 × 63 × 14 mm	105.6 × 85.3 × 27 mm (4.16 × 3.36 × 1.06 in)	105.6 × 85.3 × 27 mm (4.16 × 3.36 × 1.06 in)	105.6 × 85.3 × 27 mm (4.16 × 3.36 × 1.06 in)
Installation	3M Tape Mounting Desktop Mounting	Wall Screw Mounting 3M Tape Mounting Cable-Tie Mounting	Wall Mounting	Wall Mounting