







WLD2

Quad water leak detector with WiFi and Ethernet. Support for WWW, SNMP and PoE.



Device features:

-  External SMS gateway supported
-  Virtual output
-  E-mail notification
-  Web server
-  Portal supported
-  4 destinations


WLD2 is a WiFi/Ethernet water leak detector with support for WWW, SNMP, e-mails and PoE. It supports up to 4 sensing cables. Alarms are triggered by even the smallest volumes of liquids, such as condensation from A/C pipes or water leaks in general. You will receive alarms before costly damages occur. In addition to flooding, the device also detects disconnected or damaged sensing cables for increased reliability.

Each detection zone can consist of up to 85m of sensing cable + up to 100m of connecting cable.

Flooding can be also indicated by switching a remote output (e.g. a relay) over the network (with Perseus, Poseidon2 or Damocles2 units), independently for each sensing cable.

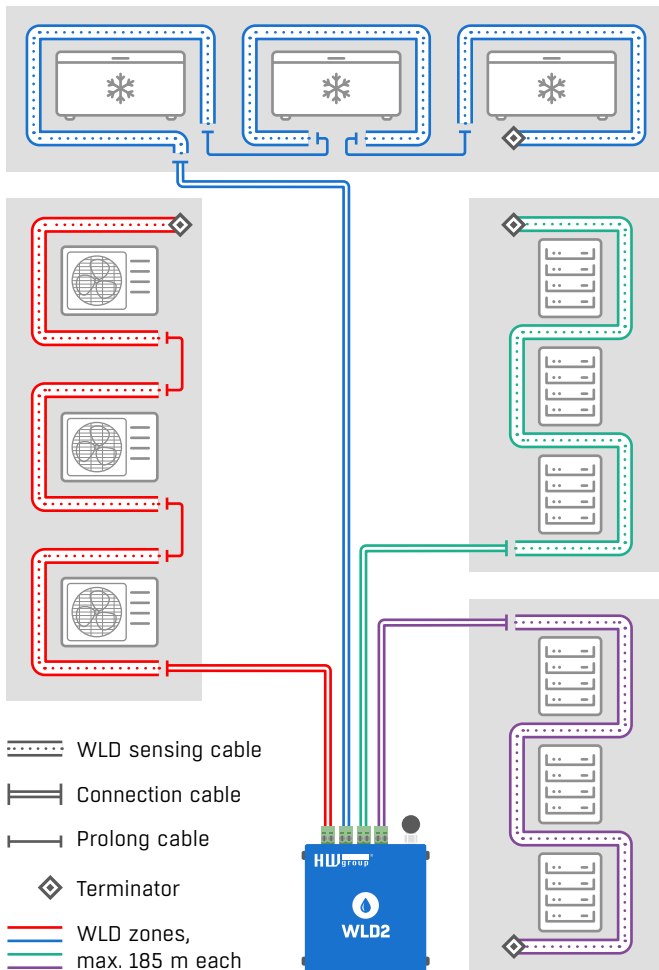
Thanks to WiFi connectivity, the WLD2 water leak detector can be installed in remote places. In case of flooding it can send an alert via e-mail, SNMP trap or the SensDesk cloud. With an external SMS gateway by HW group it can send a text message or dial a phone number.

Portal based features



This device can be connected to any SensDesk Technology-based portal to be monitored and managed. Portal centralizes device management, graphs, and alerts by e-mail, SMS or voice calls. PDF reports are also available.

- HWg-cloud.com offers a limited service for free
- SensDesk.com is a paid service
- Portals from local Portal providers are also available



Ethernet	
Interface	RJ45 (10/100BASE-T)
Supported protocols	IP: ARP, TCP/IP (HTTP, HTTPS, SNMP, SMTP, HWg-Push, netGSM, TLS), UDP/IP (SNMP)
SNMP	Ver. 1 fully supported, some parts ver. 2

WiFi	
Supported standards	802.11 b/g/n
Frequency	2,4 GHz
Output	+19.5 dBm output power in 802.11b mode +16 dBm for 802.11n
Security	WEP / WPA / WPA2 PSK / WPA2 TSK / WPS
Antenna	Internal

External sensors	
Number/Connectors	WLD1, WLD2, WLD3, WLD4/terminal blocks
Type	Sensing cable A
Connector	Terminal block
Sensor states	0 = OK, 1 = Flooded, 2 = Cable disconnected
Sensing cable length	Max. 85 m
Cable extension	May be extended by at most 100m, AWG 24

Power supply	
Power voltage	5V / 250 mA
Connector	Jack Ø3.5×1.35 / 10 mm
PoE (Power over Ethernet)	RJ45 - IEEE 802.3af Class 0

Other parameters	
Operating temperature	-10 to 60 °C (device operating temperatures. May not correspond to sensor range)
Dimensions/weight	65×80×30 mm / 500 g
Elmag. radiation	CE / FCC Part 15, Class B
Elmag. compatibility	EN 55022, EN 55024, EN 61000

Typical applications

- Water detection under raised floors
- Leaky pipe detection (cable wrapped along the pipe)
- Protection against floods from skylights – sensing cable routed along the walls
- Detection of water leaks in drip trays
- Detection of water leaks under air-conditioning outlets

Related products



WLD sensing cable A – 2+50m

Water leak detection cable in the length of 50m, supplemented by 2 meters of connecting cable. For use with units WLD2, HWg-WLD and Sensor WLD Relay 1W-UNI.



WLD sensing cable A – 2+10m

Water leak detection cable in the length of 10m, supplemented by 2 meters of connecting cable. For use with units WLD2, HWg-WLD and Sensor WLD Relay 1W-UNI.



WLD A prolong cable 5m

Prolong non-sensitive cable 5m for WLD type A. Can be extended to up to 100m in total.



SMS-GW3 LTE

SMS-GW3 LTE is a LAN gateway for sending alarm SMS from HW group devices.