



# **Company Profile**

The Crow Group designs and manufactures **since 1980** advanced security solutions for the worldwide **security** and the **home automation** markets.

The Crow Group provides innovative and creative solutions for **residential and commercial** applications with an extensive range of smart wireless and hybrid panels and a broad portfolio of indoor and outdoor detectors, DECT-ULE and ZigBee based peripherals and devices to create **smart connected homes**.

Our products are commercialized worldwide by a dynamic network of distributors and sales offices to professional installers and central monitoring stations.

Continuous innovation at Crow is ensured by engineers dedicated to the integration of the latest technologies including on going communication challenges, interoperability and integration of automation, management systems, wireless security products and cloud services.

We proudly combine creativity and expertise to create world-class products and services with added value for our customers at maximum cost effectiveness while complying with the highest standards of quality, technology, reliability as well as support and fast delivery.

# **Content**

#### **DECT-ULE Peripherals**

1.	DECT ULE GBD	. 3
2.	DECT ULE MAG	. 4
3.	DECT ULE PIR	. 5
4.	DECT ULE PIR-S	. 6
5.	DECT ULE PIR-CRT	. 7
6.	DECT ULE PIR-EXT AM	. 8
7.	DECT ULE SMK	. 9
8.	DECT ULETMP	10
9.	DECT ULE FLD	11
10.	DECT ULE SASP	12
11.	DECT ULE HUM	13
10	DECT ULE FLD B	1/1

# **DECT-ULE Peripherals**Simply Secure Connectivity



DECT (Digital Enhanced Cordless Telecommunications) is the worldwide standard for wireless phones. It is available in over 100 countries and operates in 600 millions households.

While DECT is the leading technology for audio services, it has evolved with the ULE (Ultra Low Energy) dedicated for Home Automation, Safety and Security applications with its low energy smart home solution.

With a range of 500 m outdoor and 70 m indoor, communication is done point to point by using the DECT ULE 1.8GHz or 1.9GHz frequency, wirless connectivity is interferencies-free.

Users will be able to control Crow's new portfolio of AC Smart Plugs, Smokes, Magnet and Motion Detectors, security PIR Cameras and Thermostats and other products via a smartphone or tablet. These solutions will make it easier for consumers to reduce energy usage by ensuring they haven't left electrical goods on standby, adjust heating levels in each room and monitor security and fire alerts remotely or when they're at home.

Pairing each device with an IP gateway, which could be a broadband router or DECT phone base station with an Ethernet connection is plug-and-play.





# **DECT ULE GBD**

## **DECT ULE Glass Break Detector**

The DECT ULE GBD is a Do-It-Yourself fully supervised low-current Glass Break detector.

The DECT ULE GBD is part of the DECT ULE wireless line of devices embedding an advanced DECT ULE RF transceiver.

The DECT ULE GBD includes two MICs, a MEMS device and robust algorithms for glass break detections.

The DECT ULE GBD uses smart message control verifying all messages are successfully transmitted to the base station.

- DECT ULE RF protocol.
- · Low current Technology.
- Do-It-Yourself Friendly Pairing and Installation processes.
- SW Update Over The Air.
- · Keep Alive transmission.
- Configurable Battery status check Interval.
- Bi-Color LED indications for Monitoring & Pairing.
- · Remotely configurable.
- Glass Break Alarm transmissions.



Modulation Type	DECT Standard
Frequency Band	All DECT Bands
Event Transmission	Alarm, Tamper, Low Bat, Keep Alive (every 7 minutes – configurable)
Glass Break Sensors	Two MICs and a MEMS device
Range	500 meters (Open Space)
Battery	Lithium. 3V Type: CR123A, Size: 2/3A
Battery life expectancy	Up to 4 years on regular use
Current Consumption	Standby: 11µA ,Average: 26µA
Transmit power	Tx Power at +22dBm, typical and Rx Sensitivity at -97dBm, typical
Tamper Switch	Front Cover Removal & Back Tamper
LED Indicators	Red LED: ON during alarm Green LED: Pair Status
Operating Temperature	-10°C – +50°C (14°F– 122°F)
Dimensions	86mm x 53mm x 23mm
Weight (incl. battery)	56gr
Ordering Part Numbers	0067220 – CR-DU-GBD-EURO 0067221 – CR-DU-GBD-USA 0067222 – CR-DU-GBD-JAPAN
Compliance	CE, FCC Part 15, IC

# **DECT ULE MAG**

## **DECT ULE Window / Door Magnetic Contact**

The DECT ULE MAG is a Do-It-Yourself fully supervised low-current Magnetic Contact detector.

The DECT ULE MAG is part of the DECT ULE wireless line of devices embedding an advanced DECT ULE RF transceiver.

The DECT ULE MAG uses smart message control verifying all messages are successfully transmitted to the base station.

- DECT ULE RF protocol.
- Low current Technology.
- Do-It-Yourself Friendly Pairing and Installation processes.
- SW Update Over The Air.
- Tamper Open/Close transmission.
- · Keep Alive transmission.
- Configurable Battery status check Interval.
- Bi-Color LED indications for Monitoring & Pairing.
- · Remotely configurable.
- Contact Open/Close transmission.



Modulation Type	DECT Standard
Frequency Band	All DECT Bands
Event Transmission	Alarm, Tamper, Low Bat, Keep Alive (every 7 minutes – configurable)
Detection Method	Internal Reed Switch
Range	500 meters (Open Space)
Battery	Lithium. 3V Type: CR123A, Size: 2/3A
Battery life expectancy	Up to 4 years on regular use
Current Consumption	Standby: 8µA ,Average: 23µA
Transmit power	Tx Power at +22dBm, typical and Rx Sensitivity at -97dBm, typical
Tamper Switch	Front Cover Removal & Back Tamper
LED Indicators	Red LED: ON during alarm Green LED: Pair Status
Operating Temperature	-10°C – +50°C (14°F– 122°F)
Dimensions	97mm x 22mm x 21mm
Weight (incl. battery)	56gr
Ordering Part Numbers	0067190 – CR-DU-MAG-EURO 0067191 – CR-DU-MAG-USA 0067192 – CR-DU-MAG-JAPAN
Compliance	CE, FCC Part 15, IC, ETL & ULE





## **DECT ULE PIR**

## **DECT ULE Pet Immune Motion Detector**

The DECT ULE PIR is a Do-It-Yourself fully supervised lowcurrent Pet Immune Motion detector.

The DECT ULE PIR is part of the DECT ULE wireless line of devices embedding an advanced DECT ULE RF transceiver.

The DECT ULE PIR features include an advanced APS mechanism extending the battery life and adjusting the device behavior according to the installed location in the premises.

The DECT ULE PIR uses smart message control verifying all messages are successfully transmitted to the base station.

- DECT ULE RF protocol.
- Low current Technology.
- Do-It-Yourself Friendly Pairing and Installation processes.
- SW Update Over The Air.
- · Keep Alive transmission.
- · Configurable Battery status check Interval.
- Bi-Color LED indications for Monitoring & Pairing.
- · Remotely configurable.
- Motion Detection up to 12m.
- Selectable 15 / 25kg pet immunity feature.



Modulation Type	DECT Standard
Frequency Band	All DECT Bands
Event Transmission	Alarm, Tamper, Low Bat, Keep Alive (every 7 minutes – configurable)
Detection Method	PYRO Element
Range	500 meters (Open Space)
Battery	Lithium. 3V Type: CR123A, Size: 2/3A
Battery life expectancy	Up to 4 years on regular use
Current Consumption	Standby: 11µA ,Average: 26µA
Transmit power	Tx Power at +22dBm, typical and Rx Sensitivity at -97dBm, typical
Tamper Switch	Front Cover Removal & Back Tamper
LED Indicators	Red LED: ON during alarm Green LED: Pair Status
Operating Temperature	-10°C – +50°C (14°F– 122°F)
Dimensions	123mm x 62mm x 38mm
Weight (incl. battery)	120gr
Ordering Part Numbers	0067100 – CR-DU-PIR-EURO 0067101 – CR-DU-PIR-USA 0067102 – CR-DU-PIR-JAPAN
Compliance	CE, FCC Part 15, IC, ETL & ULE





# **DECT ULE PIR-S**

### **DECT ULE Pet Immune Motion Detector**

The DECT ULE PIR-S is a Do-It-Yourself fully supervised low-current Pet Immune Motion detector.

The DECT ULE PIR-S is part of the DECT ULE wireless line of devices embedding an advanced DECT ULE RF transceiver.

The DECT ULE PIR-S features include an advanced APS mechanism extending the battery life and adjusting the device behavior according to the installed location in the premises.

The DECT ULE PIR-S uses smart message control verifying all messages are successfully transmitted to the base station.

- DECT ULE RF protocol.
- Low current Technology.
- Do-It-Yourself Pairing and Installation processes.
- SW Update Over The Air.
- · Keep Alive transmission.
- · Configurable Battery status check Interval.
- Bi-Color LED indications for Monitoring & Pairing.
- · Remotely configurable.
- Motion Detection up to 12m.
- Selectable 15 / 25kg pet immunity feature.



Modulation Type	DECT Standard
Frequency Band	All DECT Bands
Event Transmission	Alarm, Tamper, Low Bat, Keep Alive (every 7 minutes – configurable)
Detection Method	PYRO Element
Range	500 meters (Open Space)
Battery	Lithium. 3V Type: CR123A, Size: 2/3A
Battery life expectancy	Up to 4 years on regular use
Current Consumption	Standby: 11µA ,Average: 26µA
Transmit power	Tx Power at +22dBm, typical and Rx Sensitivity at -97dBm, typical
Tamper Switch	Front Cover Removal & Back Tamper
LED Indicators	Red LED: ON during alarm Green LED: Pair Status
Operating Temperature	-10°C – +50°C (14°F– 122°F)
Dimensions	123mm x 62mm x 38mm
Weight (incl. battery)	120gr
Ordering Part Numbers	0067150 – CR-DUS-PIR-EURO 0067151 – CR-DUS-PIR-USA 0067152 – CR-DUS-PIR-JAPAN
Compliance	CE, FCC Part 15, IC, ETL & ULE





# **DECT ULE PIR-CRT**

## **DECT ULE Curtain Motion Detector**

The DECT ULE PIR CRT is a Do-It-Yourself fully supervised low-current Motion detector.

The DECT ULE PIR CRT is part of the DECT ULE wireless line of devices embedding an advanced DECT ULE RF transceiver.

The DECT ULE PIR CRT features include an advanced APS mechanism extending the battery life and adjusting the device behavior according to the installed location in the premises.

The DECT ULE PIR CRT uses smart message control verifying all messages are successfully transmitted to the base station.

- DECT ULE RF protocol.
- Low current Technology.
- Do-It-Yourself Friendly Pairing and Installation processes.
- SW Update Over The Air.
- · Keep Alive transmission.
- Battery status check on every transmission.
- · Bi-Color LED indications for monitoring & Pairing.
- · Remotely configurable.
- Motion Detection up to 8m.
- Mirror Optics



Modulation Type	DECT Standard
Frequency Band	All DECT Bands
Event Transmission	Alarm, Tamper, Low Bat, Keep Alive (every 7 minutes – configurable)
Detection Method	PYRO Element
Range	500 meters (Open Space)
Battery	Lithium. 3V Type: CR123A, Size: 2/3A
Battery life expectancy	Up to 4 years on regular use
Current Consumption	Standby: 11µA ,Average: 26µA
Transmit power	Tx Power at +22dBm, typical and Rx Sensitivity at -97dBm, typical
Tamper Switch	Front Cover Removal & Back Tamper
LED Indicators	Red LED: ON during alarm Green LED: Pair Status
Operating Temperature	-10°C – +50°C (14°F– 122°F)
Dimensions	124mm x 31mm x 37mm
Weight (incl. battery)	120gr
Ordering Part Numbers	0067020 – CR-DU-PIR-CRT-EURO 0067021 – CR-DU-PIR-CRT-USA 0067022 – CR-DU-PIR-CRT-JAPAN
Compliance	CE, FCC Part 15, IC



## **DECT ULE PIR-EXT AM**

## **DECT ULE Outdoor Pet Immune Motion Detector with Anti-Masking**

The DECT ULE PIR – EXT AM is a Do-It-Yourself fully supervised low-current Pet Immune Motion detector.

The DECT ULE PIR – EXT AM is part of the DECT ULE wireless line of devices embedding an advanced DECT ULE RF transceiver.

The DECT ULE PIR – EXT AM features include an advanced APS mechanism extending the battery life and adjusting the device behavior according to the installed location in the premises.

The DECT ULE PIR – EXT AM uses smart message control verifying all messages are successfully transmitted to the base station.

- DECT ULE RF protocol.
- Low current Technology.
- Do-It-Yourself Friendly Pairing and Installation processes.
- SW Update Over The Air.
- · Keep Alive transmission.
- Battery status check on every transmission.
- Bi-Color LED indications for monitoring & Pairing.
- Remotely configurable.
- Motion Detection up to 12m.
- Up To 55kg pet immunity feature.
- IP55 rating
- Coverage detection pattern of 90° adjustable within 180°.

Modulation TypeDECT StandardFrequency BandAll DECT BandsEvent TransmissionAlarm, Tamper, Low Bat, Keep Alive (every 7 minutes – configurable)Detection MethodPYRO ElementRange500 meters (Open Space)Battery4 Lithium 1.5V Size: AABattery life expectancyUp to 4 years on regular useCurrent ConsumptionStandby: 17μA ,Average: 33μATransmit powerTx Power at +22dBm, typical and Rx Sensitivity at -97dBm, typicalTamper SwitchFront Cover Removal & Back TamperLED IndicatorsRed LED: ON during alarm Green LED: Pair StatusOperating Temperature-35°C - +55°C (-31°F - 131°F)Dimensions200mm x 86mm x 80mmWeight (incl. battery)500grOrdering Part Numbers0067320 - CR-DU-PIR-EXT-AM-EURO 0067321 - CR-DU-PIR-EXT-AM-USA 0067322 - CR-DU-PIR-EXT-AM-JAPANComplianceCE, FCC Part 15, IC		
Event Transmission  Alarm, Tamper, Low Bat, Keep Alive (every 7 minutes – configurable)  Detection Method  PYRO Element  Range  500 meters (Open Space)  Battery  4 Lithium 1.5V Size: AA  Battery life expectancy  Up to 4 years on regular use  Current Consumption  Standby: 17μA ,Average: 33μA  Transmit power  Tx Power at +22dBm, typical and Rx Sensitivity at -97dBm, typical  Tamper Switch  Front Cover Removal & Back Tamper  LED Indicators  Red LED: ON during alarm  Green LED: Pair Status  Operating Temperature  -35°C - +55°C (-31°F- 131°F)  Dimensions  200mm x 86mm x 80mm  Weight (incl. battery)  Ondering Part Numbers  0067320 - CR-DU-PIR-EXT-AM-EURO 0067321 - CR-DU-PIR-EXT-AM-JAPAN	Modulation Type	DECT Standard
minutes – configurable)  Detection Method PYRO Element  Range 500 meters (Open Space)  Battery 4 Lithium 1.5V Size: AA  Battery life expectancy Up to 4 years on regular use  Current Consumption Standby: 17μA ,Average: 33μA  Transmit power Tx Power at +22dBm, typical and Rx Sensitivity at -97dBm, typical  Tamper Switch Front Cover Removal & Back Tamper  LED Indicators Red LED: ON during alarm Green LED: Pair Status  Operating Temperature -35°C - +55°C (-31°F – 131°F)  Dimensions 200mm x 86mm x 80mm  Weight (incl. battery) 500gr  Ordering Part Numbers 0067320 - CR-DU-PIR-EXT-AM-EURO 0067321 - CR-DU-PIR-EXT-AM-JAPAN	Frequency Band	All DECT Bands
Range 500 meters (Open Space)  Battery 4 Lithium 1.5V Size: AA  Battery life expectancy Up to 4 years on regular use  Current Consumption Standby: 17μA ,Average: 33μA  Transmit power Tx Power at +22dBm, typical and Rx Sensitivity at -97dBm, typical  Tamper Switch Front Cover Removal & Back Tamper  LED Indicators Red LED: ON during alarm Green LED: Pair Status  Operating Temperature -35°C - +55°C (-31°F - 131°F)  Dimensions 200mm x 86mm x 80mm  Weight (incl. battery) 500gr  Ordering Part Numbers 0067320 - CR-DU-PIR-EXT-AM-EURO 0067321 - CR-DU-PIR-EXT-AM-USA 0067322 - CR-DU-PIR-EXT-AM-JAPAN	Event Transmission	
Battery 4 Lithium 1.5V Size: AA  Battery life expectancy Up to 4 years on regular use  Current Consumption Standby: 17μA ,Average: 33μA  Transmit power Tx Power at +22dBm, typical and Rx Sensitivity at -97dBm, typical  Tamper Switch Front Cover Removal & Back Tamper  LED Indicators Red LED: ON during alarm Green LED: Pair Status  Operating Temperature -35°C - +55°C (-31°F - 131°F)  Dimensions 200mm x 86mm x 80mm  Weight (incl. battery) 500gr  Ordering Part Numbers 0067320 - CR-DU-PIR-EXT-AM-EURO 0067321 - CR-DU-PIR-EXT-AM-USA 0067322 - CR-DU-PIR-EXT-AM-JAPAN	Detection Method	PYRO Element
Battery life expectancy  Current Consumption  Standby: 17μA ,Average: 33μA  Transmit power  Tx Power at +22dBm, typical and Rx Sensitivity at -97dBm, typical  Tamper Switch  Front Cover Removal & Back Tamper  LED Indicators  Red LED: ON during alarm  Green LED: Pair Status  Operating Temperature  -35°C - +55°C (-31°F- 131°F)  Dimensions  200mm x 86mm x 80mm  Weight (incl. battery)  500gr  Ordering Part Numbers  0067320 - CR-DU-PIR-EXT-AM-EURO 0067321 - CR-DU-PIR-EXT-AM-USA 0067322 - CR-DU-PIR-EXT-AM-JAPAN	Range	500 meters (Open Space)
Current Consumption       Standby: 17μA ,Average: 33μA         Transmit power       Tx Power at +22dBm, typical and Rx Sensitivity at -97dBm, typical         Tamper Switch       Front Cover Removal & Back Tamper         LED Indicators       Red LED: ON during alarm Green LED: Pair Status         Operating Temperature       -35°C - +55°C (-31°F - 131°F)         Dimensions       200mm x 86mm x 80mm         Weight (incl. battery)       500gr         Ordering Part Numbers       0067320 - CR-DU-PIR-EXT-AM-EURO 0067321 - CR-DU-PIR-EXT-AM-USA 0067322 - CR-DU-PIR-EXT-AM-JAPAN	Battery	4 Lithium 1.5V Size: AA
Transmit power  Tx Power at +22dBm, typical and Rx Sensitivity at -97dBm, typical  Tamper Switch  Front Cover Removal & Back Tamper  LED Indicators  Red LED: ON during alarm Green LED: Pair Status  Operating Temperature  -35°C - +55°C (-31°F- 131°F)  Dimensions  200mm x 86mm x 80mm  Weight (incl. battery)  500gr  Ordering Part Numbers  0067320 - CR-DU-PIR-EXT-AM-EURO 0067321 - CR-DU-PIR-EXT-AM-USA 0067322 - CR-DU-PIR-EXT-AM-JAPAN	Battery life expectancy	Up to 4 years on regular use
at -97dBm, typical  Tamper Switch Front Cover Removal & Back Tamper  LED Indicators Red LED: ON during alarm Green LED: Pair Status  Operating Temperature -35°C - +55°C (-31°F- 131°F)  Dimensions 200mm x 86mm x 80mm  Weight (incl. battery) 500gr  Ordering Part Numbers 0067320 - CR-DU-PIR-EXT-AM-EURO 0067321 - CR-DU-PIR-EXT-AM-USA 0067322 - CR-DU-PIR-EXT-AM-JAPAN	Current Consumption	Standby: 17µA ,Average: 33µA
LED Indicators     Red LED: ON during alarm Green LED: Pair Status       Operating Temperature     -35°C - +55°C (-31°F - 131°F)       Dimensions     200mm x 86mm x 80mm       Weight (incl. battery)     500gr       Ordering Part Numbers     0067320 - CR-DU-PIR-EXT-AM-EURO 0067321 - CR-DU-PIR-EXT-AM-USA 0067322 - CR-DU-PIR-EXT-AM-JAPAN	Transmit power	
Green LED: Pair Status	Tamper Switch	Front Cover Removal & Back Tamper
Dimensions 200mm x 86mm x 80mm  Weight (incl. battery) 500gr  Ordering Part Numbers 0067320 - CR-DU-PIR-EXT-AM-EURO 0067321 - CR-DU-PIR-EXT-AM-USA 0067322 - CR-DU-PIR-EXT-AM-JAPAN	LED Indicators	· · · · · · · · · · · · · · · · · · ·
Weight (incl. battery) 500gr  Ordering Part Numbers 0067320 – CR-DU-PIR-EXT-AM-EURO 0067321 – CR-DU-PIR-EXT-AM-USA 0067322 – CR-DU-PIR-EXT-AM-JAPAN	Operating Temperature	-35°C – +55°C (-31°F– 131°F)
Ordering Part Numbers $0067320 - CR-DU-PIR-EXT-AM-EURO$ $0067321 - CR-DU-PIR-EXT-AM-USA$ $0067322 - CR-DU-PIR-EXT-AM-JAPAN$	Dimensions	200mm x 86mm x 80mm
0067321 – CR-DU-PIR-EXT-AM-USA 0067322 – CR-DU-PIR-EXT-AM-JAPAN	Weight (incl. battery)	500gr
Compliance CE, FCC Part 15, IC	Ordering Part Numbers	0067321 - CR-DU-PIR-EXT-AM-USA
	Compliance	CE, FCC Part 15, IC



# **DECT ULE SMK**

## **DECT ULE Smoke Detector**

The DECT ULE SMK is a Do-It-Yourself fully supervised low-current Smoke detector.

The DECT ULE SMK is part of the DECT ULE wireless line of devices embedding an advanced DECT ULE RF transceiver.

The DECT ULE SMK buzzer can be remotely controlled via RF messages.

The DECT ULE SMK uses smart message control verifying all messages are successfully transmitted to the base station.

- DECT ULE RF protocol.
- Low current Technology.
- Do-It-Yourself Friendly Pairing and Installation processes.
- SW Update Over The Air.
- · Keep Alive transmission.
- Battery status check on every transmission.
- · Bi-Color LED indications for monitoring & Pairing.
- · Remotely configurable.
- Photoelectric Smoke
- Battery life of over 10 years

Modulation Type	DECT Standard
Frequency Band	All DECT Bands
Event Transmission	Alarm, Tamper, Low Bat, Keep Alive (1 per Hour/configurable)
Detection Method	Photoelectric Smoke detector
Audible Warning	Built-in horn beeps ones Test mode Or Alarm (85db at 3 m (10 feet))
Detection Sensitivity	2.3+1.2%/ft
Range	500 meters (Open Space)
Battery	Battery pack of 2 Lithium 1.5V, Size: AA.
Battery life expectancy	More than 10 years.
Current Consumption	Standby: 5µA , Average: 15µA
Transmit power	Tx Power at +22dBm, typical and Rx Sensitivity at -97dBm, typical
Tamper Switch	Back Tamper
LED Indicators	Red LED: ON during alarm Green LED: Pair Status
Operating Temperature	-10°C – +50°C (14°F– 122°F)
Dimensions	125mm diameter X 40mm deep
Weight (incl. battery)	150gr
Ordering Part Numbers	0067060 – CR-DU-SMK-EURO 0067061 – CR-DU-SMK-USA 0067062 – CR-DU-SMK-JAPAN
Compliance	CE, FCC Part 15, IC, ETL & ULE



# **DECT ULE TMP**

## **DECT ULE Temperature Detector**

The DECT ULE TMP is a Do-It-Yourself fully supervised low-current Temperature detector.

The DECT ULE TMP is part of the DECT ULE wireless line of devices embedding an advanced DECT ULE RF transceiver.

Temperature sensor on one side and a cable with suitable connector on the other side allow the detection of temperature in two locations using a single device.

The DECT ULETMP uses smart message control verifying all messages are successfully transmitted to the base station.

- DECT ULE RF protocol.
- Low current Technology.
- Do-It-Yourself Friendly Pairing and Installation processes.
- SW Update Over The Air.
- Keep Alive transmission.
- · Configurable Battery status check Interval.
- Bi-Color LED indications for Monitoring & Pairing.
- Remotely configurable.
- Temperature reporting transmissions.

Modulation Type	DECT Standard
Frequency Band	All DECT Bands
Event Transmission	Alarm, Tamper, Low Bat, Keep Alive (every 7 minutes – configurable)
Detection Method	Two Temperature sensors – Internal & External (optional).
Range	500 meters (Open Space)
Battery	Lithium. 3V Type: CR123A, Size: 2/3A
Battery life expectancy	Up to 4 years on regular use
Current Consumption	Standby: 4µA ,Average: 19µA
Transmit power	Tx Power at +22dBm, typical and Rx Sensitivity at -97dBm, typical
Tamper Switch	Front Cover Removal & Back Tamper
LED Indicators	Red LED: ON during alarm Green LED: Pair Status
Operating Temperature	-10°C – +50°C (14°F– 122°F)
Dimensions	97mm x 22mm x 21mm
Weight (incl. battery)	56gr
Ordering Part Numbers	0067195 – CR-DU-TMP-EURO 0067196 – CR-DU-TMP-USA 0067197 – CR-DU-TMP-JAPAN
Compliance	CE, FCC Part 15, IC, ETL & ULE





# **DECT ULE FLD**

## **DECT ULE Flood Detector**

The DECT ULE FLD is a Do-It-Yourself fully supervised low-current Flood detector.

The DECT ULE FLD is part of the DECT ULE wireless line of devices embedding an advanced DECT ULE RF transceiver.

A Flood sensor on one side and a cable with suitable connector on the other side allow detection of floods while the detector itself is at a safe distance assuring the transmission of messages to the base station.

The DECT ULE FLD uses smart message control verifying all messages are successfully transmitted to the base station.

- DECT ULE RF protocol.
- · Low current technology.
- Do-It-Yourself Friendly Pairing and Installation processes.
- SW Update Over The Air.
- · Keep Alive transmission.
- · Configurable Battery status check Interval.
- Bi-Color LED indications for Monitoring & Pairing.
- · Remotely configurable.
- · Flood Alarm transmissions.

Modulation Type	DECT Standard
Frequency Band	All DECT Bands
Event Transmission	Alarm, Tamper, Low Bat, Keep Alive (every 7 minutes – configurable)
Flood Sensors	External on the edge of a 1m cable
Range	500 meters (Open Space)
Battery	Lithium. 3V Type: CR123A, Size: 2/3A
Battery life expectancy	Up to 4 years on regular use
Current Consumption	Standby: 4µA ,Average: 19µA
Transmit power	Tx Power at +22dBm, typical and Rx Sensitivity at -97dBm, typical
Tamper Switch	Front Cover Removal & Back Tamper
LED Indicators	Red LED: ON during alarm Green LED: Pair Status
Operating Temperature	-10°C – +50°C (14°F– 122°F)
Dimensions	97mm x 22mm x 21mm
Weight (incl. battery)	56gr
Ordering Part Numbers	0067193 – CR-DU-FLD-EURO 0067194 – CR-DU-FLD-USA 0067199 – CR-DU-FLD-JAPAN
Compliance	CE, FCC Part 15, IC, ETL & ULE





## **DECT ULE SASP**

## **DECT ULE Single AC Smart Plug**

The DECT ULE SASP is a Do-It-Yourself fully supervised Single AC Smart Plug device.

The DECT ULE SASP is part of the DECT ULE wireless line of devices embedding an advanced DECT ULE RF transceiver.

Connected to the AC network on one side and an electrical device on the other side, the Single AC Smart Plug allows controlling the electrical device from a remote device and accepting information about the power consumption by the device. These capabilities will enable planning and saving your electrical expenses.

The DECT ULE SASP uses smart message control verifying all messages are successfully transmitted to the base station.

- DECT ULE RF protocol
- Do-It-Yourself Friendly Pairing and Installation processes
- SW Update Over The Air
- · Keep Alive transmission
- · Built in Child Protection
- Manual and Remote ON/OFF capabilities
- Electrical parameters Measurement & Reporting:
- Real Power, Voltage, Current, Frequency and more
- Zero Crossing Switching
- Lighted Button and Switch Status Bi-Color Indication
- After Power Cycle State (configurable On/Off/Last state)
- EURO model AC220V-240V/50Hz CEE 7/4 German "Schuko" – Type F
- USA model AC110-130V/60Hz NEMA 5-15 grounded – Type B
- In Door use only

Modulation Type	DECT Standard
Frequency Band	All DECT Bands
Event Transmission	Monitor Information, Keep Alive (every 7 minutes – configurable)
Range	500 meters (Open Space)
Transmit power	Tx Power at +22dBm, typical and Rx Sensitivity at -97dBm, typical
LED Indicators	Red LED: ON during alarm Green LED: Pair Status
Operating Temperature	-10°C – +50°C (14°F– 122°F)
Dimensions	(Euro) 102mm x 51mm x 74mm (USA) 102mm x 51mm x 52mm
Weight (incl. battery)	(Euro) 126gr (USA) 110gr
Part Numbers	0067980 – CR-DU-SPLG-EURO 0067990 – CR-DU-SPLG-USA
Compliance	CE, FCC Part 15, IC, ETL & ULE





# **DECT ULE HUM**

## **DECT ULE Humidity, Temperature & Air Pressure Sensor**

The DECT ULE HUM is a Do-It-Yourself fully supervised low-current Air monitor detector.

The DECT ULE HUM is part of the DECT ULE wireless line of devices embedding an advanced DECT ULE RF transceiver.

The DECT ULE HUM features include Humidity, Temperature & Air Pressure monitoring, and the results are displayed on an LCD as well as reported to the base station.

The DECT ULE HUM uses smart message control verifying all messages are successfully transmitted to the base station.

- DECT ULE RF protocol.
- Low current Technology.
- Do-It-Yourself Friendly Pairing and Installation processes.
- SW Update Over The Air.
- · Keep Alive transmission.
- · Battery Status Check on Every Transmission.
- Temperature Displayed in Celsius & Fahrenheit.
- Remotely configurable.
- · A 35mm Diameter Display.



#### **TECHNICAL SPECIFICATIONS**

Modulation Type	DECT Standard
Frequency Band	All DECT Bands
Event Transmission	Alarm, Tamper, Low Bat, Keep Alive (every 7 minutes – configurable)
Detection Method	Humidity, Temperature & Air Pressure Sensor
Range	500 meters (Open Space)
Battery	Lithium. 3V Type: CR123A, Size: 2/3A
Battery life expectancy	Up to 4 years on regular use
Current Consumptions	Standby: 11µA ,Average: 26µA
Transmit power	Tx Power at +22dBm, typical and Rx Sensitivity at -97dBm, typical
LED Indicators	Red LED: ON – Pairing/HW problem Green LED: Pair Status OK
Operating Temperature	-10°C – +50°C (14°F– 122°F)
Dimensions	95mm x 50mm x 34mm
Weight (incl. battery)	T.B.D. gr
Part Numbers	0067400 – CR-DU-HUM-EURO 0067401 – CR-DU-HUM -USA 0067402 – CR-DU-HUM -JAPAN
Compliance	CE, FCC Part 15, IC, ETL & ULE

# **DECT ULE FLD B**

## **DECT ULE Flood Detector**

The DECT ULE FLD is a Do-It-Yourself fully supervised low-current Flood detector.

The DECT ULE FLD is part of the DECT ULE wireless line of devices embedding an advanced DECT ULE RF transceiver.

The DECT ULE FLD includes a strong adhesive tape for device installation on surfaces with potential water leakage.

The DECT ULE FLD uses smart message control verifying all messages are successfully transmitted to the base station.

- DECT ULE RF protocol.
- · Low current technology.
- Do-It-Yourself Friendly Pairing and Installation processes.
- SW Update Over The Air.
- · Keep Alive transmission.
- Battery status check on every transmission.
- · Remotely configurable.
- Flood Alarm transmissions.
- · Bi-Color LED indications for monitoring & Pairing



#### **TECHNICAL SPECIFICATIONS**

Modulation Type	DECT Standard
Frequency Band	All DECT Bands
Event Transmission	Alarm, Tamper, Low Bat, Keep Alive
Flood Sensors	Internal on the edge of the device
Range	500 meters (Open Space)
Battery	Two Alkaline 1.5V Size: AA
Battery life expectancy	Up to 4 years on regular use
Current Consumptions	Standby: 4µA, Average: 19µA
Transmit power	Tx Power at +22dBm, typical and Rx Sensitivity at -97dBm, typical
Tamper Switch	Front Cover Removal & Back Tamper
LED Indicators	Red LED: ON during alarm Green LED: Pair Status
Operating Temperature	-10°C – +50°C (14°F– 122°F)
Dimensions	68mm x 68mm x 20mm
Weight (incl. battery)	T.B.D. gr
Part Numbers	0067030 – CR-DU-FLD-EURO 0067031 – CR-DU-FLD-USA 0067032 – CR-DU-FLD-JAPAN
Compliance	CE, FCC Part 15, IC, ETL & ULE



**HEADQUARTERS**:

CROW ELECTRONIC ENGINEERING LTD.

12 Kineret Street Airport City, 7019900 Israel www.thecrowgroup.com

**INTERNATIONAL OFFICES:** 

**CROW LATIN AMERICA** 

7855 NW 29 St. 150, 2nd Floor Doral - Florida, 33122, USA www.crowlatinamerica.com