NETAFIM CMT

uManage & rSense System

Ordering Information

Orit Katzir February 2015

NETAFIM CMT

uManage & rSense System

Ordering Information

- ✓ uManage Order
- ✓ rSense Sensors
- ✓ rLink Base Cellular units
- ✓ rSense remote units

UMANAGE KITS
ORDERING INFORMATION

Orit Katzir February 2015

uManage – KITS DESCRIPTION

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Basic  >  SMB  >  Pro
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1. uManage Basic Kit

KIT Name	SAP Part Number	Package includes:
UMANAGE-BASIC-KIT-AUS-915-MODEM	74395-001561	**1** rLink with power supply for USA / UK / EU / AU
UMANAGE-BASIC-KIT-CN-433-MODEM	74395-001564	
UMANAGE-BASIC-KIT-EU-865-MODEM	74395-001566	**1** rSense with power supply for USA / UK / EU / AU
UMANAGE-BASIC-KIT-IL-315-MODEM	74395-001565	
UMANAGE-BASIC-KIT-US-450-W/O MODEM	74395-001560	**2** years uManage license (1 User)

The KIT includes:

- NMC Air License for two years

uManage Single License Only	SKU	Description
Single uManage User	74395-001576	UMANAGE-LICENSE-PROMOTION-1 USER

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uManage – KITS DESCRIPTION

Basic → **SMB** → Pro

2. uManage SMB Kit

KIT Name	SAP Part Number	Package includes:
UMANAGE-SMB-KIT-AUS-915-MODEM	74395-001571	**1** rLink with power supply for USA / UK / EU / AU
UMANAGE-SMB-KIT-CN-433-MODEM	74395-001572	**3** rSense with power supply for USA / UK / EU / AU
UMANAGE-SMB-KIT-EU-865-MODEM	74395-001573	
UMANAGE-SMB-KIT-IL-315-MODEM	74395-001574	**2** years uManage license (3 Users)
UMANAGE-SMB-KIT-US-450-W/O MODEM	74395-001575	

The KIT includes:

- uManage License for two years

uManage Single License Only	SKU	Description
Single uManage User	74395-001576	UMANAGE-LICENSE-PROMOTION-1 USER

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uManage – KITS DESCRIPTION

Basic → SMB → **Pro**

3. uManage SMB Kit

KIT Name	SAP Part Number	Package includes:
UMANAGE-PRO-KIT-AUS-915-MODEM	74395-001562	**1** rLink with power supply for USA / UK / EU / AU
UMANAGE-PRO-KIT-CN-433-MODEM	74395-001567	
UMANAGE-PRO-KIT-EU-865-MODEM	74395-001568	**5** rSense with power supply for USA / UK / EU / AU
UMANAGE-PRO-KIT-IL-315-MODEM	74395-001569	
UMANAGE-PRO-KIT-US-450-W/O MODEM	74395-001570	**2** years uManage license (3 Users)

The KIT includes:

- NMC Air License for two years

uManage Single License Only	SKU	Description
Single uManage User	74395-001576	UMANAGE-LICENSE-PROMOTION-1 USER

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ORDERING STAND ALONE RNET ITEMS

ORDERING RSENSE SENSORS

2.OPERATIONAL SENSORS

	DESCRIPTION	KEY BENEFITS	APPLICATION	PRODUCT CODE	PRODUCT DESCRIPTION
WATER METER	Standard meters provide actual and accurate water flow rate and accumulation	• Reacts in real-time • Enables tracing of irrigation events • Enables cross referencing between irrigation quantity and soil moisture sensors	Can be installed on a specific lateral, main or sub-main line Output can be selected according to application (volume per pulse)	70240-000900 70240-001240	ARAD MULTI JET WATER METER M 1/2" EV 1L ARAD MULTI JET WATER METER M 3/4" EV 1L
FERTILIZER METER	Measures quantity of fertilizers through the pipe by counting the pulses received from the reed switch	• Reacts in real-time • Impeller inside the meter is the only moving part that comes into contact with the liquid • All components are corrosion resistant	Can be installed on a specific lateral, main or sub-main line Output can be selected according to application (volume per pulse)	70240-005720 70240-005400	ARAD FERTILIZER METER SF 1/2" EV 1L ARAD FERTILIZER METER PVC PB 1" EV 1L
PRESSURE SENSOR	Measure the pressure in the dripper line, sub main line or main line. Measure the level of a Fertilizer tank, Water tank or reservoir.	React in real-time Enables tracing irrigation events Indicates blockage & leakage Available in two models: 0 - 6 BAR - Blue 0 - 2 BAR - Brown	Can be installed on a specific lateral, main or sub-main line Can be installed as a water level sensor	74390-005900 74390-005800	RSEN-PRESSURE SENSOR 0-6BAR (0-87PSI) RSEN-PRESSURE SENSOR 0-2BAR (0-29PSI)
DRY CONTACT	An external ON/OFF switch. uManage monitors the switch's state	Can display the following: Open on schedule Open not on schedule Closed	Trap status, Float status, Pumps status, Open/close farming gate, Electricity shutdown, ON/OFF applications	Any dry contact	
GENERAL PURPOSE	The general purpose input can monitor verity of farm analog applications	Can receive analog inputs such as: 4-20 mA 0-10 VDC	EC & PH measurements Temperature of niche applications Analog applications	Any analog signal	

2.SOIL SENSORS

	DESCRIPTION	KEY BENEFITS	APPLICATION	PRODUCT CODE	PRODUCT DESCRIPTION
TENSIOMETER	Measures water tension in the soil	Simple Installation Easy to understand (centibar / millibar) Available in the following lengths: 30 cm (12 inches) 60 cm (24 inches) 90 cm (36 inches)	Suitable for all soil types Orchards & open fields	74390-007750 74390-007760 74390-007770	RSEN-TENSIOMETER "Y" SENSOR MS 30CM(12" INCHES) RSEN-TENSIOMETER "Y" SENSOR MS 60CM (24 INCHES) RSEN-TENSIOMETER "Y" SENSOR MS 90CM (36 INCHES)
NETASENSE	TDT technology Monitors the soil volumetric water content	Measures large soil volume Maintenance free Rapid response Suitable for different soil types such as sandy soil, high salinity soil and clay soil	Accurate measurement of all soil types Wide range of salinities	74390-003800	RSEN-NETASENSE SENSOR
ECH2O-5	Capacitance technology sensor, Monitors the soil volumetric water content Comes with 5cm two prong design	High measurement frequency Easy to install Maintenance free Rapid response	Accurate measurement of all soil types perfect for pots/slabs Wide range of salinities	74390-003900	RSEN-ECH2O-5 SENSOR
SOIL TEMPERATURE	High accuracy PT100 resistance temperature sensor used in the industry	Offers specified resistance of 100.00 ohms at 0°C Made of Platinum, which offers accurately defined resistance vs. temperature characteristic Temperature ranges from : -20°C - 80°C	Suitable for water, air and soil temperature measurement	74390-007000	RSEN-SOIL TEMPERATURE SENSOR PT100
SM150 Delta-T		High Quality & High accuracy		74390-008200 74390-008500	SOIL MOISTURE SENSOR M12 IP68 DELTA-T CABLE 5M 100MM FLYING LEADS DELTA-T

2.PLANT SENSORS

	DESCRIPTION	KEY BENEFITS	APPLICATION	PRODUCT CODE	PRODUCT DESCRIPTION
LEAFSEN SENSOR	Leaf thickness sensor continuously and accurately monitors leaf turgor	Easy to install Rapid response to incipient stress	Suitable for various crop types	74390-006810	RSEN-LEAFSEN LEAF THICKNESS SENSOR
DENDROMETER SENSOR	Stem diameter measurement	Measures plant's shrinkage and expansion Allows stress detection & plant growing patterns Powerful tool for adjusting irrigation schedule according to plant's needs	Ideal for orchards Suitable for open field crops	74390-006800	RSEN-LEAFSEN DENDROMETER SENSOR

2.METEO SENSE

	DESCRIPTION	KEY BENEFITS	APPLICATION	PRODUCT CODE	PRODUCT DESCRIPTION
MeteoSense Weather Station	Modular weather station supports various sensor types	SENSORS · Air temperature · Relative Humidity · Solar radiation · Wind speed · Rain gauge · Wind direction CALCULATIONS · Evapotranspiration (ETo) · Dew point · Brightness · Max. wind speed · Daily Radiation Sum · Daily Rain	Open fields applications	33010-009160	METEOSENSE-EU-865-TH-RAD-WS-RG-WD
				33010-009150	METEOSENSE-AU-915-TH-RAD-WS-RG-WD
				33010-009157	METEOSENSE-US-450-TH-RAD-WS-RG-WD
				33010-009155	METEOSENSE-IL-315-TH-RAD-WS-RG-WD
				לפתוח מקט לתדר 433	433

ORDERING RLINK CELLULAR

3.RLINK BASE CELLULAR UNIT

	DESCRIPTION	KEY BENEFITS	APPLICATION	PRODUCT CODE	PRODUCT DESCRIPTION
R-LINK BASE STATION WITH CELLULAR	Internet remote cellular unit Wireless (Cellular) communication utilizes GPRS/3G technology to enable limitless distance issues and to ensure low cost reliable communication between all system elements. Users enjoy high performance and worldwide global availability	• Low power, long-lasting battery • Remote access and support to/from any unit • Multiple communication interfaces (e.g. RF, cellular) • Programmable units	Row crops Orchards Greenhouses Net Houses	74390-001050	R-LINK BASE-CEL-315-EXT
				74390-001210	R-LINK BASE-CEL-865-EXT
				74390-001260	R-LINK BASE-CEL-915-EXT
				74390-001270	R-LINK BASE-CEL-915-EXT-INT W/O MODEM
				74390-001070	R-LINK-BASE-CEL-450-W/O MODEM-3M
				74390-001070	R-LINK-BASE-CEL-450-W/O MODEM-3M
				74390-001060	R-LINK BASE-CEL-CN-433-EXT

ORDERING RSENSE & REPEATER

4.RSENSE & REPEATER UNIT

	DESCRIPTION	KEY BENEFITS	APPLICATION	PRODUCT CODE	PRODUCT DESCRIPTION
R-LINK ROUTER (REPEATER)	Radio repeater is used whenever it is necessary to extend transmission distances or deal with problematic terrains	• Complete real-time situation picture • Enhanced decision making • Knowledge-sharing opportunities • Mobile UI for smartphones and tablets	Row crops Orchards Greenhouses Net Houses	74390-001300 74390-001400 74390-001450	R-LINK ROUTER-315 R-LINK ROUTER-865 R-LINK ROUTER-915
R-SENSE FIELD UNIT	Installed at selected in-field locations, sensors collect and transmit functional and operational data to growers, enabling intelligent decision making based on a comprehensive real-time situation picture. Netafim offers a full range of soil, plant, environmental and greenhouse-climate sensors, together with hydraulic sensors, to ensure complete and accurate coverage of all irrigated areas.	• Wide range of sensors • Reliable wireless communications based on advanced radio technology • Sophisticated, user-friendly monitoring software	Row crops Orchards Greenhouses Net Houses	74390-002500 74390-002490 74390-002600 74390-002610 74390-002650 74390-002655 74390-002520 74390-002510 74390-007100	R-SENSE-315 R-SENSE-315-AA-3M R-SENSE-865 R-SENSE-865-AA-6M R-SENSE-915 R-SENSE-915-AA-3M R-SENSE-450-AA-3M R-SENSE-CN-433 RSEN-ROD 1" 1.8M FOR RSENSE INSTALLATION

4.ACCESORIES

	PRODUCT CODE	PRODUCT DESCRIPTION
CABLES AND ACCESSORIES	74390-007100	RSEN-ROD 1" 1.8M FOR RSENSE INSTALLATION
	74390-005000	RSEN EXTENSION CABLE 4TO4 PINS 6M
	74390-005100	NETASENSE CABLE CONVERTER FROM IRRIWISE TO RSENS
	74390-005200	RSEN CONVERTER 3TO4 PINS ECH2O-5
	74380-003600	POWER SUPPLY HK 12VDC 1.5A (only for Israel)
	74380-003500	POWER SUPPLY HK 12VDC 1.5A+4 ADAPTORS
	74380-004500	RSEN-VACUUM SNESOR FOR TENSIOMETER
	74380-006500	RSEN-TENSIO TUBE MS 30 CM (12 INCHES)
	74380-006550	RSEN-TENSIO TUBE MS 60 CM (24 INCHES)
	74380-006600	RSEN-TENSIO TUBE MS 90 CM (36 INCHES)

THANK YOU

NETAFIM™
GROW MORE WITH LESS