

COMPLEMENTARY SYSTEMS

RACK MONITORING SYSTEM

	RAMOS Ultra / Ultra ACS	RAMOS Optima	RAMOS Plus / Plus GSM	RAMOS Mini
Suitable for	DC and server rooms	Multiple cabinets or server room	Single or few cabinets	Single racks/Cabinets
Sensors	8× / 2× intelligent port (expandable up to 500 sensors)	8× intelligent ports	4× intelligent ports	1× IN, 1× OUT, up to 3 sensors (T&H)
Communication	LAN: SNMP v1, v2 & v3; VPN; Modbus GSM: with plug-in GSM modem Serial: RS485 (Modbus only)	LAN: SNMP v1 & v2	LAN: SNMP v1, v2 & v3 GSM: GSM variant only	LAN: SNMP v1 & v2; XML
Notifications	Emails SNMP traps SMS* MMS* Call* Speech Skype call & SMS Relay control* Door control* Server restart / shutdown / wake-up And many more...	Emails SNMP traps Output control for dry contact* Siren & strobe* or external relay*	Emails SNMP traps Output control for dry contact* Siren & strobe* or external relay* (SMS & call-in variant with built GSM modem)	Emails SNMP traps Output control for Latch* Siren & strobe* or external relay*
Integration to CONTEG Pro Server	Free	Free	Free	Licensed
BENEFITS	Intelligent ports variability Expandable solution Monitoring of 3rd-party devices Sensor mapping	Intelligent ports variability	Intelligent ports variability Supports all intelligent accessories Variant with built-in GSM modem	Small and simple Manual relay control
Parameters				
Dimensions H×W×D	216×138×46 mm	216×138×46 mm	115×64×32 mm	66×66×28 mm
Voltage	7.5 V DC / 12 V DC	7.5 V DC	12 V DC	5 V DC
Power consumption	5.025 W, 0.67 A	1.12 W, 0.15 A	1/1.5 W, 0.1/0.125 A	1 W, 0.2 A

* Requires appropriate accessories