

## CONFIGURATION AND MONITORING ASSISTANT



### PRODUCT OVERVIEW

The nVent RAYCHEM NGC-CMA2 is an easy-to-use wireless tablet for configuration and monitoring of nVent RAYCHEM NGC-20 control units. The tablet has an intuitive user interface eliminating the need for extensive training. The tablet is available in two versions: For Zone 2 (Zone 22) use the NGC-CMA2-ZONE2. For Zone 1 (Zone 21) use the NGC-CMA2-ZONE1.

### HARDWARE DESIGN

The nVent RAYCHEM NGC-CMA2 devices are designed for high productivity in an industrial environment. They are protected against humidity, dust, corrosion and extreme ambient temperatures. The tablet has an 8" TFT display.

### SOFTWARE

The nVent RAYCHEM NGC-CMA2 software is designed to provide full configuration and monitoring capabilities of the nVent RAYCHEM NGC-20 control units. The nVent RAYCHEM NGC-CMA2 allows wireless connectivity via Bluetooth® to any nVent RAYCHEM NGC-20 unit within range. The devices are based on Samsung technology and are running Android operating system.

GENERAL	NVENT RAYCHEM NGC-CMA2-ZONE2	NVENT RAYCHEM NGC-CMA2-ZONE1
Typical use	nVent RAYCHEM NGC-CMA2 units are used for the configuration and monitoring of nVent RAYCHEM NGC-20 of heat-tracing control units.	
Approvals/Certification	EPS 15 ATEX 1 793 X Ex II 3G Ex ic IIC T5 Gc  IECEx EPS 15.0003X Ex ic IIC T5 Gc	Sira 15ATEX1205X Ex II 2GD Ex db ia op is IIC T5 Gb Ex tb IIIC T100°C Db Ta = -20°C to +50°C IECEx SIR 15.0075X Ex db ia op is IIC T5 Gb Ex tb IIIC T100°C Db Ta = -20°C to +50°C
EAC	In progress	In progress
Conditions	Refer to Hazardous Area Certification	Refer to Hazardous Area Certification
Environmental protection	IP67	IP64
Compatible control units	nVent RAYCHEM NGC-20-C-E and NGC-20-CL-E	
Operating Temperature	-20°C to +55°C	-20°C to +50°C
Dimensions	131,1 x 225,1 x 13,6 mm (incl. protective case)	162,1 x 256,0 x 33,3 mm (without stylus holder) 162,1 x 271,9 x 33,3 mm (with stylus holder)
Connectivity	Bluetooth, WiFi and USB connector	Bluetooth, WiFi and USB connector
Operating system	Android O.S.	Android O.S.

GENERAL	NVENT RAYCHEM NGC-CMA2-ZONE2	NVENT RAYCHEM NGC-CMA2-ZONE1
Processor	Quad core 1.2 GHz	Quad core 1.2 GHz
Bluetooth interface	Bluetooth SmartReady LE 4.0	Bluetooth SmartReady LE 4.0
Memory	RAM 1.5 GB, ROM 16GB with microSD up to 64 GB	RAM 1.5 GB, ROM 16GB with microSD up to 64 GB
Wireless LNA	WiFi 802.11 a/b/g/n	WiFi 802.11 a/b/g/n
Display	8" TFT with 1280 x 800 pixels	8" TFT with 1280 x 800 pixels
Charger	EU, UK, US and AU compatible	EU, UK, US and AU compatible
Software (included)	General Android apps	General Android apps
Keyboards & buttons	Touchscreen, buttons on the side	Touchscreen, buttons on the side
Captive pen	included	included

ORDERING INFORMATION AND WEIGHT	NGC-CMA2-ZONE2	NGC-CMA2-ZONE1
Part Number	1244-018987	1244-018988
Weight	562 g	1250 g

FOR RUSSIA: THE TABLETS WILL BE DELIVERED AS ORIGINAL DEVICE WITHOUT REBRANDING. IT MEETS ALL SPECIFICATIONS AS DESCRIBED ABOVE INCLUDING THE NGC-20 APP TO MONITOR AND CONFIGURE THE NGC-20 AND HAS EAC EX CERTIFICATION

PRODUCT NAME	TAB-EX 01 DZ2 RUSSIA	TAB-EX 01 DZ1 WIFI RUSSIA
Hazardous Area	Zone 2	Zone 1
Part Number	1244-020604	1244-020603
EAC Ex certification	EAC Ex TC RU C-DE.AA87.B.00789 2Ex ic IIC T5 Gc X IP64	EAC Ex TC RU C-DE.AA87.B.00789 PB Ex db ia op is 1 Mb X 1Ex db ia op is IIC T5 Gb X 1Ex db ia op is IIB T5 Gb X Ex tb IIIC T100°C Db IP64

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