

from 2G...

...to the 4G/3G/2G  
IoT portal



## CMS-10R ComatReleco Messaging System

### From the 2G mobile network to the 4G IoT portal with built-in eSIM

#### 4G, 3G, 2G communication with eSIM technology

The CMS-10R is a remote monitoring and control device for industrial applications and building services. It uses the existing mobile network to report status changes in digital or analogue inputs by push notification, email or SMS. The outputs are controlled by means of push notification from a web browser or smart app. The call-in function can also be used to activate previously configured outputs. The CMS-10R automatically selects the network generation with the highest field strength operation site.







**eSIM is included, no need for an additional SIM card and a mobile provider.**

#### The IoT portal solution means no mobile phone subscription charges

Several service profiles are available for optimal use of the device. It's your choice! The annual licence fee and any charges incurred for SMS traffic are billed via the IoT Portal. Paper or digital invoicing available.

**The licence for the standard service profile is free of charge for the first year of operation.**

#### Differentiating features

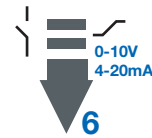
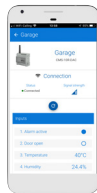
New generation CMS-10R		Old generation CMS-10F
Device suitable for <b>4G, 3G, 2G</b> mobile network generations. It connects automatically to the strongest available mobile network, worldwide.		Device can connect only to 2G mobile networks
'All-in' device with <b>built-in eSIM</b> , works <b>worldwide</b> without prepaid card and mobile subscription. ComatReleco remains the <b>single point of contact</b> .		Own SIM card required. The customer must purchase and manage the contract with an additional mobile provider.
The <b>annual software licence</b> covers all fees as per the selected service profile. <b>Free of charge during first year of operation</b> provided that the standard option is selected.		Difficult to estimate mobile service costs.
<b>Remote configuration</b> thanks to IoT portal through web browser. Android and iOS apps available.		Limitations with remote configuration, full configuration options via RS232 cable – it does not comply with all IT operating systems such as Windows, iOS etc.
Notifications and remote control via web browser, <b>Android</b> and <b>iOS app</b> , <b>e-mail</b> or <b>SMS</b>		Notifications and remote control via SMS or Android app
Available <b>support sessions</b> on the IoT portal – interactive device access for technical support or <b>telephone hotline</b> .		Telephone hotline

#### Compatibility features

3 device versions with 6 digital or analogue inputs and 4 CO relay outputs
Same layout of electrical connections
Same rated nominal voltage ranges
Same size: W × H × D = 88 × 90 × 55 cm
The configuration of previous device series can be uploaded to the new device, thanks to IoT portal
Safety and availability of the system with alert of voltage failure on site

### App and email in addition to SMS:

You will be alerted by push notification and remote control is carried out via app. Communication via SMS can also be activated.



### Wiring:

The terminal layout remains the same.

### Plug and Play:

Wireless programming via the internet with PC, smart phone or tablet.



### Easy device swap:

Upload the existing configuration file to the new 4G CMS-10R.



### All in one:

We deliver the communication at the same time. The CMS-10R has full out-of-the-box functionality.

## The 4G IoT portal. Your advantages:

- + The built-in eSIM for 4G, 3G, 2G communication requires no additional mobile provider
- + Worldwide 'All-in' communication and service packages provided, ComatReleco is the single point of contact
- + The device can be configured either at work or in a comfort area, like at home
- + No cable connection to the device is required for project execution
- + Several service profiles with transparent operating costs can be selected.
- + Firmware updates are installed via the IoT portal
- + An unique device ID is connected with the customer project
- + Data transfer between the device and the cloud is fully encrypted – high operational safety is achieved through VPN and TLS technologies
- + The hardware connection is as of the previous CMS-10F product

## Additional benefits:

- + Easy management of monitoring, alerts, remote control and accounting
- + The devices are user friendly and highly functional
- + High level of security through encrypted communication with the Swiss-based cloud
- + Upon customer request the device location can be mapped
- + Short installation and start-up times
- + Easy configuration upload from previous 2G-CMS-10 series
- + Most modern device on the market (IoT, cloud-based)

**Should you have any further questions on this subject, please feel free to contact our sales team on +41 31 838 55 77 or at [info@comatreleco.com](mailto:info@comatreleco.com)**