Product brief: DICORA M20
Portable dispatcher terminal

DICORA M20 terminal is a portable dispatcher terminal specifically designed for temporary use cases of the mission-critical railway controller working position. Examples include providing continued communication with trains during an evacuation of a control centre or during an understaffed shift. DICORA M20 supports exactly the same functions as its wired sister products DICORA A20 and DICORA S20.

Key features

Robust design

The IP42 compliant housing with reinforced corners and port caps protects your controller terminal from damages even outside the control centre. Port caps prevent damage to interface from water spills. Optional TPU cover can be added for more robustness.
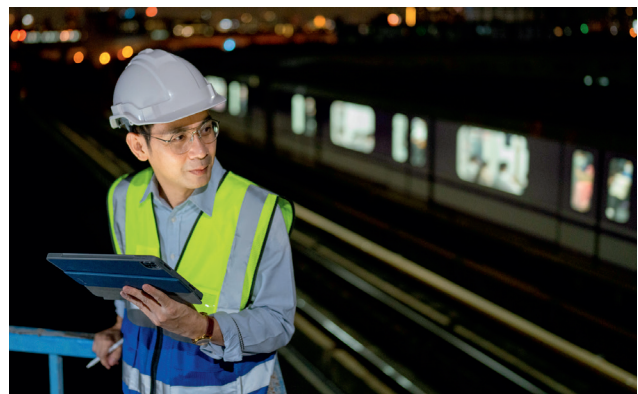
Convenience at work

At just 800 grams, with a 13.3" Full HD display (the same GUI as the stationary dispatcher), and the wired handset with PTT, DICORA M20 enhances mobility in the control room.

By simply logging into the device, the user automatically activates the "Follow my device" function in the FTS 3020 system and all roles loaded on the default stationary controller working posting are moved to the portable DICORA M20. This provides a seamless and quick handover between the stationary and the portable working position and vice versa, while the remaining working position is automatically unloaded and locked for security reasons. The DICORA M20 terminal is primarily intended to operate in the customer's WLAN but can optionally also operate in a 4G mobile network.

Simplified lifecycle through common modules

The DICORA M20 is part of the DICORA X20 terminal family, based on a common user interface and software. This enables mixed operation, minimised training costs, and a simplified lifecycle process.

DICORA application

- Suitable for single-seat controllers or large teams

- Role management serves multiple areas of responsibility

- Based on the established DICORA application, enabling easy upgrade from earlier versions.

- List view of trains and mobiles in the area of responsibility, including call and messaging functionality

- Predefined conferences with up to 30 members

- User configurable Direct Access keys and personal phone book

- Dynamic Voice Group Calls in accordance with EIRENE

FREQUENTIS
FOR A SAFER WORLD

Audio device

- Wired monaural headset with quick connect interface and PTT button

Portable Display Module

- COTS all-in-one tablet PC
- Full HD anti-glare touch display
- Up to 10 hours of battery backup
- Optional TPU cover for more robustness
- Optional dockings station
- Optional USB power car adapter
- Kensington Lock support

Benefits

Adaptable, secure configuration

With features, such as user-configurable keys, personal phonebook, two different user interface schemes, and various accessories, users can adapt the configuration and the purpose of the DICORA M20 to maximise productivity. Locked-down functionality and central deployment help protect the system from security threats.

Technical specifications

Direct access to any subscriber	288 (36 per page, 8 centrally configurable direct access key pages) virtual Direct Access keys per role
Display	13,3"anti-glare IPS Full HD (1920x1080), PCAP Touch
Processor	Intel 7th generation Core™ i5-1135G7
Headset	Plantronics, ENCOPRO 500 USB MON, quick connect, PTT with mounting clip
Connectivity	WLAN, BT, 4G (optional with Nano-SIM)
Interfaces	1 x USB 3.2 Type-A, 1 x USB 4.0 Type-C, Audio line-in/out
Power supply	65W 10-240VAC
Battery	Li-Ion battery 3-cell, 38 Wh, Quick charge 80% in 1h, Runtime 10h
Dimensions	W 315 mm x H 200,9 mm x D 10,5 mm
Operating temp. / relative humidity	5°C to 35°C / 20% to 80%