DESCRIPTION

DTN-910/E digital trunk network designed under the ETSI DMR standard is an IP-based digital trunk infrastructure system designed especially for establishing integrated voice network and distributing and managing capacity between several different geographical zones in the missions and critical situations. Using this upgradable and flexible trunk network solution, an economic and secure infrastructure can be established for the organizations and emergency sections.

General specifications	
Number of fixed stations	maximum 50 stations
Number of users in fixed stations	16
Number of users	50000
Group call capacity	5000
Dispatcher system capacity	200
NMS terminal capacity	64
Number of gateways	10
(connecting to the MPT network)	more than 2Mbps, fractional E1
Number of gateways/channels	60 (2xE1)
(connecting to the PSTN network)	metallic-aluminium
Time of group call	<360ms
Noise level	better than 4.5dB
Sensitivity for BER 10e-5	-90dBm@2048Kbps
Dynamic rage	better than 4.5dB