

EV751 Witen Vehicle-mounted Trunking Terminal



The EV751 is a broadband, multimedia, trunked radio terminal for professional use. This first-generation LTE-based terminal is a powerful digital platform for vehicular use. It supports private calls, group calls, DMO, text messages, multimedia messages, and broadband data access. The EV751 allows concurrent services and, with the right apps installed, can be connected to various vehicle-mounted cameras.

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A Nokia and Huawei Company

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Product Details

LTE Standard: The EV751 is an LTE broadband trunking terminal that meets user requirements for high-speed data and video services.

Multiband Support: Support for dual-mode private and public networks working on the 400 MHz/800 MHz and 1.4 GHz/1.8 GHz bands.

HD Display: 5.0-inch transflective TFT screen and tough Corning Gorilla Glass for impact resistance.

HD Audio: Audio with an output reaching 8 W, loud and clear, even in noisy environments.

Tough and Reliable: IP54 protection rating, ETSI 300 019-1-5 class 5M3 impact protection for reliable vehicular usage.

GPS Positioning: GPS positioning accurate to within 10 m in an open area.

Multimedia Dispatching: Support for external camera connection through FE network ports, upload, dispatch, and distribution of 1080p 25 fps video; GB/T 28181 and ONVIF video connectivity.

Powerful Customizations: An Intelligent OS and a wide range of ports for third parties to develop customized apps as required.

External Ports: A range of external ports, including FE, USB, serial, GPIO, and audio output, providing the ability to connect various external devices.

Encrypted and Secure: An encrypted air interface and the ability to remotely enable or disable the device.

Wi-Fi Hotspot: Support for Wi-Fi (802.11 b/g/n), Wi-Fi hotspot, which allows other terminals to access TD-LTE private networks.

OTA Upgrade: Automatic remote software upgrades and parameter reconfiguration using Over-The-Air(OTA),removing the need for hardware uninstallation to perform manual upgrades.

DMO: DMO for direct communications no matter where you are, analog and digital DMO compatible, upgrade-capable to support encrypted DMO communications.

Specifications

Item	Description
Enterprise network operating bands	400 MHz: 380 to 450 MHz 1.4 GHz: 1447 to 1467 MHz 1.8 GHz: 1785 to 1805 MHz Others: Band 20/26/28/31
Public network operating bands	GSM: 900/1800/1900 UMTS: Band 1/2/8 LTE: Band 1/2/3/4/5/7/8/20/26/28/31/38/39/40/41
DMO operating bands	380 to 470 MHz
Power level	400 MHz: 26±2 dBm 1.4 GHz/1.8 GHz/B20/B26/B28: 24±2 dBm Other: 23±2 dBm DMO: 30±2 dBm
Operating bandwidth	400 MHz: 3 MHz/5 MHz/10 MHz/20 MHz 1.4 GHz: 5 MHz/10 MHz/20 MHz 1.8 GHz: 5 MHz/10 MHz/15 MHz/20 MHz Other bandwidths comply with the 3GPP TS 36.101 protocol
Dimensions (H×W×D)	79 mm × 207 mm × 205 mm
Weight	2 kg
Operating Temperature	–20°C to +60°C
Protection Rating	IP54
Display	5.0 inches 1,280 x 720 TFT
Memory	3 GB RAM,32 GB flash
Front Buttons	Dial, emergency call button, hand microphone interface, two programmable keys, and hang-up key
Dial	Multipurpose dial on top for volume, group selection, and adjustment of DMO frequency
Antennas	External: LTE/DMO/GPS Internal: WLAN, Bluetooth
Bluetooth	4.0 EDR
External Port	DVI interface Power port LTE/GPS antenna port Handheld microphone interface USB port

Accessories



Cylindrical Antenna



Vehicle-mounted Terminal Adapter



Bluetooth Remote Speaker Microphone



Handheld Microphone with a Digital Keypad



Angle Adjustable Mounts

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