ZXTS eTC 500
Core Network

As an important component of the DMR system, ZXTS eTC 500 consists of four parts: PTT Dispatch Server (PDS), PTT Home Register (PHR), Dispatch Agent Server (DAS), and PTT Application Server (PAS). It supports all the trunking and dispatch services and carrier-class authentication and authorization for the trunking service.

- **Excellent Performance** compatible with MPT / DMR / LTE system, supports hybrid grouping

- **Professional Trunking** Push-To-Talk with call setup time less than 300ms

- **High Reliability** ATCA platform, hardware / element disaster toleration, hot-swappable boards

- **Enhanced Security** end-to-end encryption, two-way authentication, air-interface encryption

- **Easy Maintenance** client / server architecture, multi-level authorization, centralized management

- **Good Scalability** modular design, capacity expansion supported with the growth of user number

Functions

- MPT / DMR / LTE
- DMR / LTE trunking services
- LTE data functions
- DMR and LTE hybrid grouping and call

- Network-wide recording
- Secondary development interface
- Supporting pSIP interface
- Remote disaster recovery

Specifications

Size (H x W x D)	219 mm × 482 mm × 390 mm
Weight	≤ 29.3 kg
Power Supply	- 48V DC / 220V AC
Power Consumption	≤ 1055 W
Operating Temperature	− 5 ℃ ~ + 45 ℃
Call Setup Time	< 300 ms
Voice Delay	< 350 ms
Number of Trunking Users	100,000
Number of Group Users	up to 10,000
Number of BS	256
Number of PSTN and PABX (Way / Gateway)	30 (1 × E1)