



# ELÇİ

## SECURE MOBILE COMMUNICATION TERMINAL

ELÇİ is a VoIP communication device capable of secure end-to-end communication at SECRET level over mobile (LTE, 5G, Wi-Fi) networks. It is compatible with national Key Management System (KMS).

It can be remotely managed via the Remote Management Center (RMC).



END TO END SECURE MOBILE COMMUNICATION

## FEATURES

Application	Supports unclassified or secure communication over IP networks.
Communication Protocols	<p>SCIP-based secure communication</p> <p>Unclassified or secure voice communication</p> <p>Unclassified or secure video communication</p> <p>Secure data communication</p> <p>Multi-party video conferencing</p>
Performance	Data transfer rate over IP networks: 10 Mbps
Hardware and Connectivity	<p>6.7 inch touchscreen</p> <p>Internal microphone and speaker</p> <p>Front Camera (5 MP)</p> <p>Rear Camera (12 MP)</p> <p>Wireless</p> <ul style="list-style-type: none"> <li>• LTE</li> <li>• 5G</li> <li>• Wi-Fi</li> </ul> <p>1 x Type-C USB Port</p> <p>Key Fill Port (DS-101 over Type-C )</p> <p>7000 mAh internal battery</p>
Security and Safety Features	<p>Tamper detection and response mechanisms</p> <p>Emergency Erasure with key combination</p> <p>PIN based authentication</p> <p>Secure system design:</p> <ul style="list-style-type: none"> <li>• COMSEC: Turkish national COMSEC Authority approved *</li> <li>• SDIP 27 TEMPEST complaint*</li> <li>• EMI/EMC: RE102, CE102 *</li> </ul>
Encryption Algorithms	<p>Hardware-based SECRET level algorithms</p> <ul style="list-style-type: none"> <li>• NATO algorithm set (AES-256, NIST P-521, P-384)</li> <li>• National algorithm set</li> </ul> <p>Quantum-resistant algorithms and cryptographic protocol</p>
Remote Management Center (RMC)	<p>Remote key update</p> <p>Remote software update</p> <p>Device management</p> <p>Monitoring of device logs</p> <p>Management of contact lists and groups</p>
Interoperable Devices	MÜHÜR, MİLSEC-4A, MILSEC-5A and SCIP Compatible NATO devices
Environmental Conditions	<p>Operating temperature: 0 °C to +45 °C</p> <p>Storage temperature: 0 °C to +50 °C</p>
Physical Characteristics	Dimensions: 170mm (H) x 80mm(W) x 14mm (D)

\*The evaluation process is ongoing.

\*\*Due to continuing product improvements, these specifications are subject to change without notice