

ETC-717 Car Communicator Module

High-speed multi-purpose device for robust applications
Build transport telemetric and industrial applications with ETC-717 CCM



ETC-717 CCM

Powered by a dual core processor/ graphics accelerator, and Windows CE .NET 5.0 Core, ETC-717 CCM is one of the highest-speed processing multi-purpose devices for robust applications. Equipped with expansion ports like Secure Digital, Compact Flash and USB, this multi-purpose device can be configured to provide optimal performance.

ETC-717 CCM comes with a built-in high-performance GPS receiver to provide outstanding positioning accuracy in any environment. It has low power needs, and has a built-in power-saving mode to bring power consumption down even further.

ETC-717 CCM makes use of one of the most reliable and high quality Tri-Band GSM/GPRS modules available in the market.

Supplied with an internal backup battery, ETC-717 CCM enables drivers to operate the device even when the ignition switch is turned off.

ETC-717 CCM offers optional accessories like color touch-screen LCD display to enable drivers to receive job offers, capture digital signature, and enter data easily, which is truly convenient.



Product Highlights

- **Dual-Core Processor**
- **Enhanced Video Capability**
- **High-Performance GPS Receiver**
- **Rugged Industrial Plastic Chassis**
- **Wide Temperature Operating Design**
- **Anti-Vibration and Anti-Shock**

Industrial Applications

- **Location-Based Advertising**
- **Transport System**
- **Emergency & Response Alarm System**

- **Toll & Ticketing System**
- **Data Record & Transfer**

Technical Specifications At A Glance	
<p>Physical Specifications</p> <ul style="list-style-type: none"> • Dimension: 115 x 30 x 200 mm • Weight: 500 grams (approx.) • Casing: Industrial Plastic • Flammability: UL94V-0 <p>Display</p> <ul style="list-style-type: none"> • Sreen: 7"Color TFT LCD Touch • Contrast: 200:1 • Resolution: 640 x 480 • Input Selection: AV/VGA <p>Performance Specification</p> <ul style="list-style-type: none"> • Processor: ARM9 300MHz • Graphics Acc: ARM9 250MHz • Opsys: MS Windows CE.Net 5.0 core <p>Memory/Storage Specification</p> <ul style="list-style-type: none"> • 64MB SDRAM (40MB for Applications • 1 x Secure Digital Memory Type <p>Power Specification</p> <ul style="list-style-type: none"> • Power Input: 9 – 28VDC automotive • Power Consumption: 2A Max. • Internal Memery Backup <p>Audio specification</p> <ul style="list-style-type: none"> • Built-in Nokia Compatible HDC-5 Mobile Phone Jack <p>Video specification</p> <ul style="list-style-type: none"> • MPEG1, MPEG2 Decoding • MPEG4 SP/ASP Decoding D1 30fps • Screen Size: 640 x 480 60Hz • Independent Dual display output 	<p>Communicatio & Interface Ports</p> <ul style="list-style-type: none"> • 1 x USB 1.0 Host • 1 x Compact Flash Type II Slot • 1 x SIM Card Slot • 1 x VA Output Port • 1 x NTSC Output Port • 1 x 50 Pin SCSI-II Expansion Conn. <ul style="list-style-type: none"> - 1 x RS232 full UART - 1 x ActSync - 1 x CAN-Bus OBD - 4 x Digin opto isolated - 4 x Digout Automotive Grade <p>GPS Module specification</p> <ul style="list-style-type: none"> • Receiver: 16 Channels • Accuracy: 3 m (CEP) • Start Time: 3,5 sec hot, 33 sec warm, 41 sec cold • Antenna: Active Path coax <p>GSM/GPRS Module Specification</p> <ul style="list-style-type: none"> • Triband 900 - 1800 – 1900 MHz • GPRS Mobile Station Class B • GPRS Multi-slot Class 10 • External <p>Software Tools</p> <ul style="list-style-type: none"> • 2D/2D Graphics API • Application Support Package • Remote OS Shell Application
<p>Operating Temperature</p> <ul style="list-style-type: none"> • -20° C ~ 50° C (-4° F ~ 122° F) <p>Storage Temperature</p> <ul style="list-style-type: none"> • -30° C ~ 70° C (-22° F ~ 158° F) <p>Relative Humidity</p> <ul style="list-style-type: none"> • 40° C (104° F) / 95% Relative Humidity 	<p>Temperature Shock</p> <ul style="list-style-type: none"> • MIL-STD-810F, Method 503.4, Procedures II <p>Vibration</p> <ul style="list-style-type: none"> • MIL-STD-810F, Method 514.5, Table 514.5C-VII, Figure 514.5C-1 <p>Shock</p> <ul style="list-style-type: none"> • 20g Operating Condition
<p>Regulatory</p> <ul style="list-style-type: none"> • CE • eMARK 	
<ul style="list-style-type: none"> • FCC • RoHS 	