MMT-20 Mobile Messaging Terminal

SMART Modular Technologies Mobile Messaging Terminal (MMT-20) is designed to communicate through a Personal Mobile Gateway (PMG) device. This Bluetooth® enabled client Mobile Messaging Terminal is a low cost, low powered Instant Messaging pocket terminal.

With the MMT-20 , you have the ability to be in touch everywhere with your friends and contacts via IM (Instant Messaging), SMS or email. You can enjoy the ability to quickly and easily communicate with multiple peers with additional benefit of a full QWERTY keyboard. The MMT-20 supports all major messaging platforms, including SMS, Email and Instant Messaging (IM) (like AOL AIM, ICQ, MSN, Yahoo & Wireless Village compatible platforms) in a package that was created to best-fit mobile users.
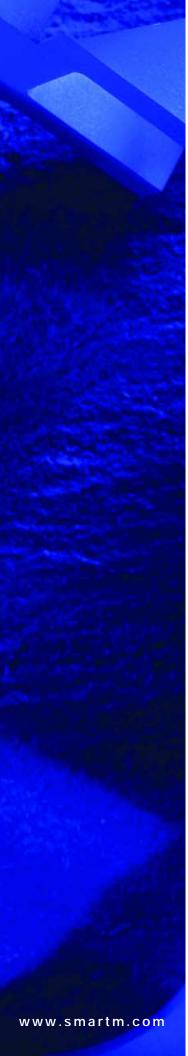
The User Interface (UI) deploys key area function buttons for quick and intuitive user access to Friends, Messages, Presence and device Settings. Unique 4-way Scroll & List Sort controls combined with separate Select and Type & Send buttons minimize user actions for selecting Friends, sending, receiving and replying to all forms of text messaging.

SMART Modular Technologies, Inc. is a wholly owned operating company within Solectron Corporation's (NYSE: SLR) Technology Solutions Business Unit. SMART, a leading independent manufacturer of memory and communication sub-systems offers more than 500 products to premier OEMs in the computer, networking and telecommunications industries. Through its relationship to Solectron, SMART offers customers competitive outsourcing advantages, such as access to advanced manufacturing technologies, shortened product time-to-market, reduced total cost of ownership and more effective asset utilization.

SMART Modular Technologies Communications Products Division (CPD) has extensive experience & focus upon leading-edge, client-side personal communication sub-systems for wireless and wired Personal Area, Local Area and Wide-Area Networks.

FEATURES

- Cross Messaging Platform
- Type & Send
- Ergonomic Design for Mobility
- Message Delivery Preferences
- Instant Messaging Chat
- Iconic Contact List Display
- Designed for PMG

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Specifications

Mechanical Properties

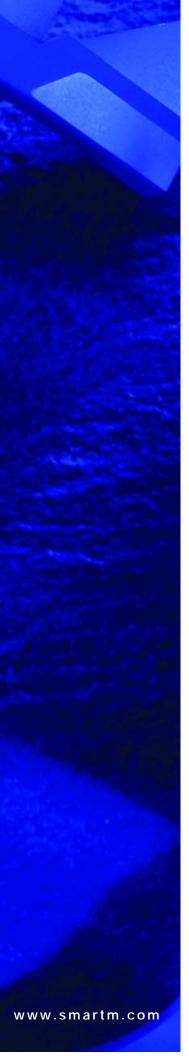|	
Weight	117 grams
Size (L x W x H) Folded	95 x 76 x 23 mm
Size (L x W x H) Open	95 x 140 x 12 mm
Enclosure	Landscape Articulated
Audio Speaker	Full Range Mono 15 mm round - 8 ohm, 0.5 W

Display and Controls

Display	Resolution: 240x160 dot B&W/FSTN LCD Landscape View Dot Size/Pitch: 0.22/0.24 mm Backlight: EL Green
Keyboard	QWERTY Keyboard with Shift Key, Spacebar, Function Keys and Backlighting
Cursor/Field Navigation	4-Way (up/down/left/right) Button Array Dual Enter Buttons Type & Send New Message Button
Scroll and Select Control	Side Action Bi-Directional up/down Rocker Button
"Sticky" Scrolling & Selection	When in Friends and Messages list and Settings views, the last highlighted position, and selected Sort or function parameter is remembered and highlighted
Function Buttons	4 Quick User Select Buttons for Friends, Messages, My Status and Settings Functions
Back Button	Intuitive user button for reversing through Navigations
Visual Indicators	LED Visual Indicator for Silent Mode Alerts and Connection Status (when flipped closed).
On/Off	On/Off/Quick Settings Button

Alert and Indicators

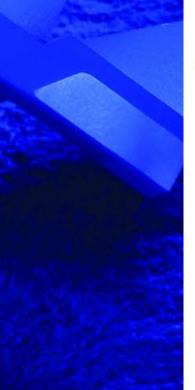|	
Message Alerts	User Assignable Animating Alerticons with choreographed Music and Sounds
Vibration Mode	Alert Physical Vibration Alert Notification Connection
Status and Alerts	On Screen Graphical Indicator and Audio Alert for Connection Signal
Banner Alerts	Animated Banner display of Friend's Message or Presence Status Action using Alerticon Animation & Sound (Does NOT interfere with user operation)
Battery Power	On Screen Graphical Indicator for MMT-20 and PMG Battery Levels
Date and Time	On-Screen Date & Time indicator located in Task Bar

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Messaging Features

Small Short Message Service (SMS)	Send/Receive SMS with Concatenation (Long SMS) IM
Supported Platforms	Supports AOL AIM, ICQ, MSN, Yahoo and all Wireless Village compatible platforms
Email	Send & Receive POP3 Email (Attachments not
Supported)	
Type & Send Messaging	A fast & intuitive GUI that automatically configures messages to a recipient's format (SMS, IM, Email)
Multiple Session Access	Allows user to engage in multiple messaging sessions quickly & effectively
Friends List Sorts	The Friends List incorporates sort/filtering selections for; All (alpha), Presence, Online, Offline, Blocked, IM, and SMS/Email
Messages List Sorts	The Messages List incorporates sort/filtering selections for; All (Date/Time), Sender, IM, SMS/Email, and Online
Preview Mode	User selectable option for previewing and scrolling through messages without the need to select from a list.
My Profile	User Definable Personal Profile
Message Blocking	Prevents Selected Friends from Accessing a User's Terminal or Viewing a User's IM Presence Status. (Also Blocks SMS & Email Friends)
Presence Status Icons, Friends	Provides an iconic and text description of a Friend's Presence Status (Busy, Online, Offline, Be right back, Away, On the phone)
User Presence Indication	Status Icon Displays User's Presence Status Selection (In Task Bar)
Custom Presence Status	User Definable "Custom" Presence Status Text
Message Destination Preferences	User Selectable Preference for using an alternate address when an Instant Message Friend's Status is Offline
International Character Format	User Selectable International Characters and Accents
Template Messages, User Definable	User Predefined Text Messages that can be Quickly Selected and Inserted in any Message
Symbols (Emoticons)	User selectable predefined icon symbols for insertion in text line. :-) = J
Smart Look Up	Pressing Letter keys displays Friends beginning with the selected letter or letters
Delivery	Message "Sent" Animating Transition

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Specifications continued

Audio

Playback	8 Bit, 8 kHz PCM, Mono
User Controls	Mute, Volume, and Separate On/Off for Presence Alerts, Key Clicks/Transitions, and Message Alerts

Storage

Friend Profile Storage	500 Fields
Alerticon Storage	23 Alerticons (Animation & Audio Accompaniment)
Message Storage	100 Messages

Special Features & Personalization

Alerticon Assignment	Select & Assign Alerticons to a Friend for Message and Presence Status Alerts
Language	User Selectable User Interface Languages. (English, German, French, Italian and Spanish)
Font Size	User selectable small or large size text fonts (for Message text only)

System

Device Processor	ARM7 TDMIE
Memory	4MByte Flash & 1MByte SRAM
Wireless Communications	Bluetooth V1.1, Class 2

Power

Battery	600mA/h Li-Ion Rechargeable Battery
Messaging Time	6-8 hours
Standby Time	250-300 hours

Regulatory Compliance

Radio Compliances	FCC Part 15 / IC RSS210 / CE / Bluetooth 1.1 Compliant
Safety Compliance	CE EN60950

Temperature

Charger Operating	0°C to +40°C
Battery Operating	0°C to +70°C (Charge)
Relative Humidity	5-95% Non-condensing

Accessories

Battery Charger	Cincon or Pi AC/DC Adapter

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