

MTP-1502

Multimedia Smart Terminal with Touch Screen

Quick Reference Guide



1st Ed – 24 May 2006

FCC Statement



THIS DEVICE COMPLIES WITH PART 15 FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS:

(1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE.

(2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRE OPERATION.

THIS EQUIPMENT HAS BEEN TESTED AND FOUND TO COMPLY WITH THE LIMITS FOR A CLASS "A" DIGITAL DEVICE, PURSUANT TO PART 15 OF THE FCC RULES.

THESE LIMITS ARE DESIGNED TO PROVIDE REASONABLE PROTECTION AGAINST HARMFUL INTERFERENCE WHEN THE EQUIPMENT IS OPERATED IN A COMMERCIAL ENVIRONMENT. THIS EQUIPMENT GENERATES, USES, AND CAN RADIATE RADIO FREQUENCY ENERGY AND, IF NOT INSTALLED AND USED IN ACCORDANCE WITH THE INSTRUCTION MANUAL, MAY CAUSE HARMFUL INTERFERENCE TO RADIO COMMUNICATIONS.

OPERATION OF THIS EQUIPMENT IN A RESIDENTIAL AREA IS LIKELY TO CAUSE HARMFUL INTERFERENCE IN WHICH CASE THE USER WILL BE REQUIRED TO CORRECT THE INTERFERENCE AT HIS OWN EXPENSE.

Notice

This guide is designed for experienced users to setup the system within the shortest time. For detailed information, please always refer to the electronic user's manual.

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To receive the latest version of the user's manual; please visit our Web site at:

<http://www.evaluate-tech.com/>

If you still cannot find the answer, gather all the information or questions that apply to your problem, and with the product close at hand, call your dealer. Our dealers are well trained and ready to give you the support you need to get the most from your Evaluate's products. In fact, most problems reported are minor and are able to be easily solved over the phone.

In addition, free technical support is available from Evaluate's engineers every business day. We are always ready to give advice on application requirements or specific information on the installation and operation of any of our products. Please do not hesitate to call or e-mail us.

Headquarters

Evalue Technology Inc.

7F, 228, Lian-cheng Road,
Chung Ho City, Taipei,
Taiwan

Tel : +886-2-8226-2345

Fax : +886-2-8226-2777

<http://www.evaluate-tech.com>

E-mail: service@evaluate-tech.com

Europe Branch Office

Evalue Europe A/S

Stenholttsvej 13,
3480 Fredensborg,
Denmark

Tel : +45-7025-0310

Fax : +45-4975-5026

<http://www.evaluate-tech.com>

E-mail: service.europe@evaluate-tech.com

China Branch Office

Evalue Technology Shanghai Inc.

Room 909, 9F, Section B, No.900,
Yisan Road, Caohejing Hi-tech Park,
Shanghai 200233, China

Tel : +86-21-5423-4170

Fax : +86-21-5423-4171

<http://www.evaluate-tech.com>

E-mail: service.china@evaluate-tech.com

US Branch Office

Evalue Technology Inc.

Suite 210, 200 Tornillo Way,
Tinton Falls, NJ 07712
USA

Tel: +1-732-578-0200

Fax: +1-732-578-0250

<http://www.evaluate-tech.com>

E-mail: service.usa@evaluate-tech.com

Product Warranty

Evalue warrants to you, the original purchaser, that each of its products will be free from defects in materials and workmanship for two years from the date of purchase.

This warranty does not apply to any products which have been repaired or altered by persons other than repair personnel authorized by Evalue, or which have been subject to misuse, abuse, accident or improper installation. Evalue assumes no liability under the terms of this warranty as a consequence of such events. Because of Evalue's high quality-control standards and rigorous testing, most of our customers never need to use our repair service. If any of Evalue's products is defective, it will be repaired or replaced at no charge during the warranty period. For out-of-warranty repairs, you will be billed according to the cost of replacement materials, service time, and freight. Please consult your dealer for more details. If you think you have a defective product, follow these steps:

1. Collect all the information about the problem encountered. (For example, CPU type and speed, Evalue's products model name, hardware & BIOS revision number, other hardware and software used, etc.) Note anything abnormal and list any on-screen messages you get when the problem occurs.
2. Call your dealer and describe the problem. Please have your manual, product, and any helpful information available.
3. If your product is diagnosed as defective, obtain an RMA (return material authorization) number from your dealer. This allows us to process your good return more quickly.
4. Carefully pack the defective product, a complete Repair and Replacement Order Card and a photocopy proof of purchase date (such as your sales receipt) in a shippable container. A product returned without proof of the purchase date is not eligible for warranty service.
5. Write the RMA number visibly on the outside of the package and ship it prepaid to your dealer.

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1. Getting started

1.1 Safety Precautions

Warning!



Always completely disconnect the power cord from your chassis whenever you work with the hardware. Do not make connections while the power is on. Sensitive electronic components can be damaged by sudden power surges. Only experienced electronics personnel should open the PC chassis.

Caution!



Always ground yourself to remove any static charge before touching the CPU card. Modern electronic devices are very sensitive to static electric charges. As a safety precaution, use a grounding wrist strap at all times. Place all electronic components in a static-dissipative surface or static-shielded bag when they are not in the chassis.

1.2 Packing List

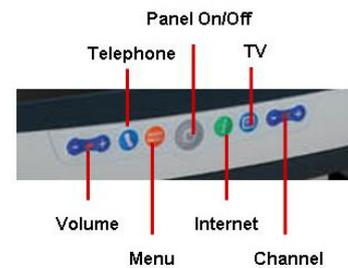
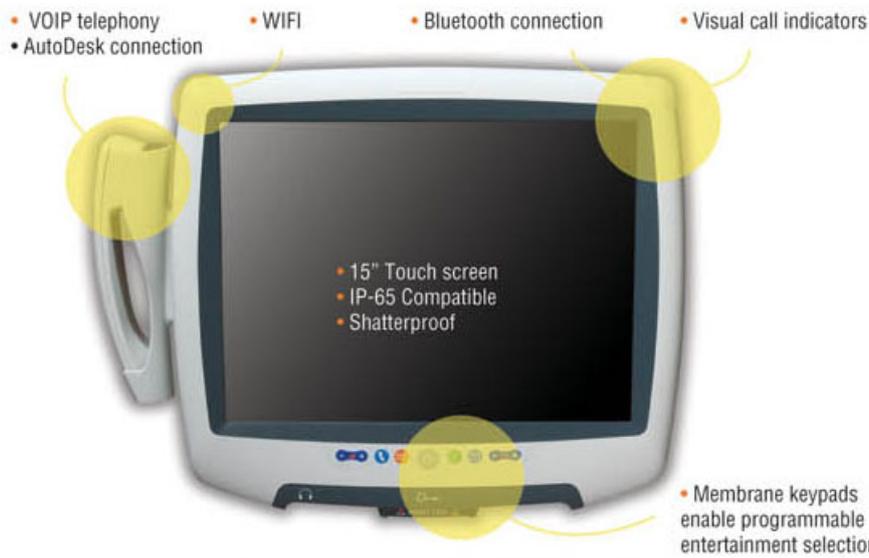
- 1 x Multi-functional Touch Panel Computer
- 1 x Quick Reference Guide
- 1 x CD/DVD-ROM contains the followings:
 - User's Manual (this manual in PDF file)
 - Ethernet driver and utilities
 - VGA drivers and utilities
 - Audio drivers and utilities



If any of the above items is damaged or missing, contact your retailer.

1.3 System Overview

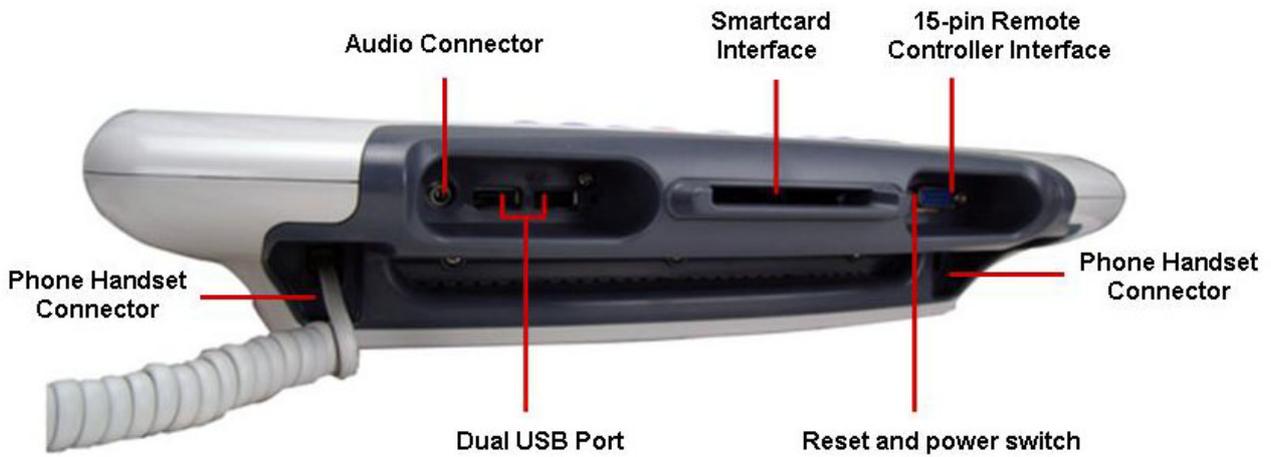
1.3.1 Front View



1.3.2 Bottom View



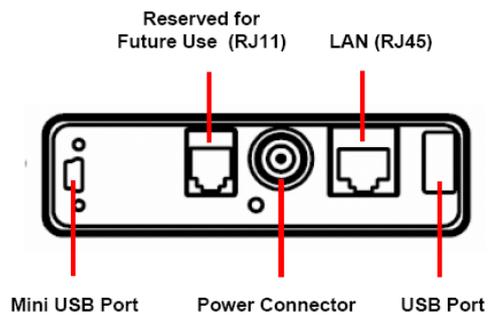
- Dual USB
- Smartcard interface
- 15-pin remote controller interface
- Reset switch



1.3.3 Rear View



- Rear heat sink cooling
- VESA 75 standard
- Wipe clean
- LAN (RJ45)
- Power Connector



1.4 System Specifications

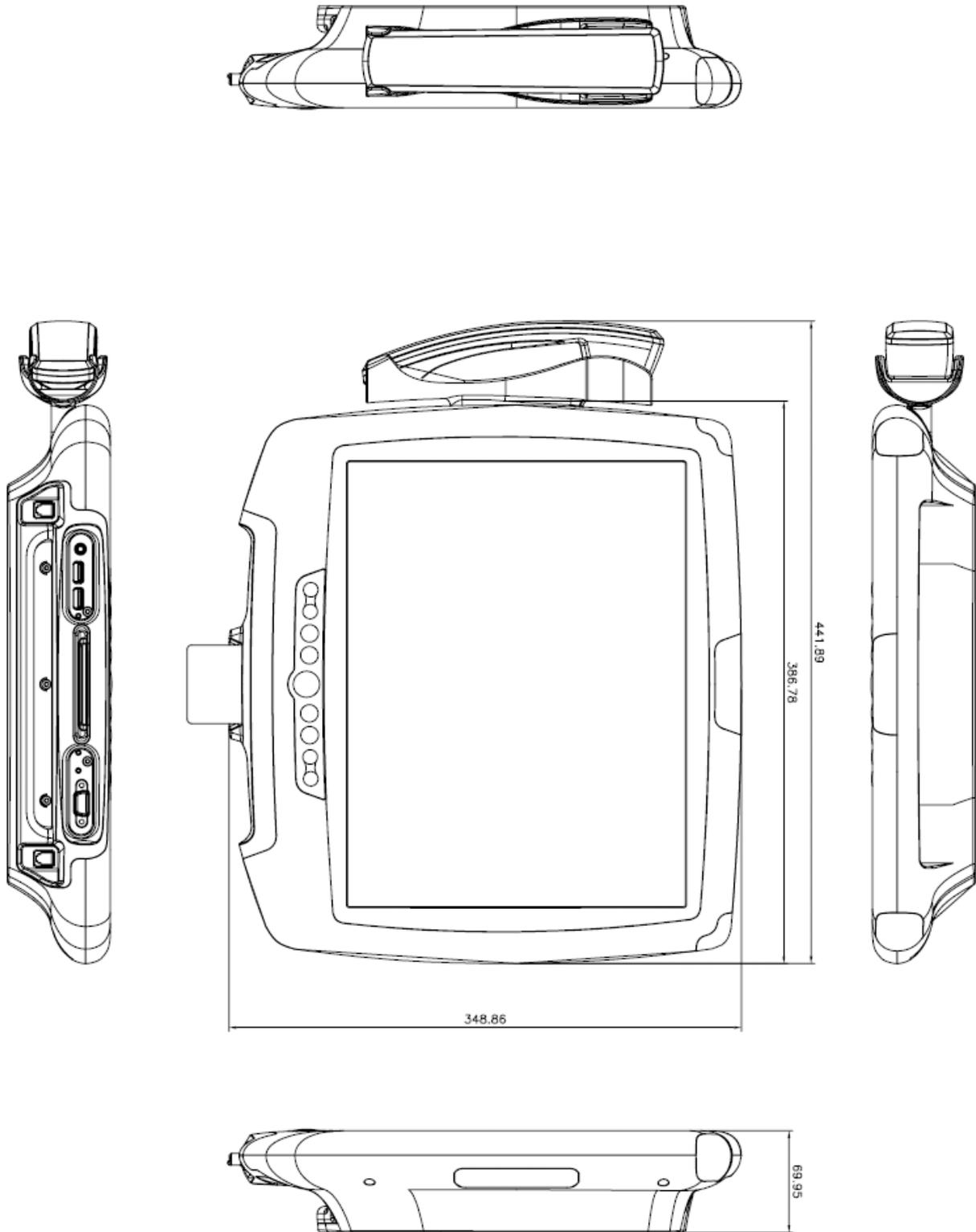
Computing Platform 	
CPU	Onboard Intel® µFC-BGA 479 Celeron M 600 MHz with 0K L2 Cache or Intel® Processor 800 MHz
Northbridge	Intel® RG852GM Graphic Memory Controller Hub (GMCH)
Southbridge	Intel® FW82801DB I/O Controller Hub 4 (ICH4)
I/O Chip	Winbond W83697HF
System Memory	1 x 184-pin DIMM up to 1GB DDR SDRAM
Video	Supports Intel® RG852GM DVM 2.0
Video Memory	64MB shared memory
Audio	VIA VT1612A
Serial Ports	1 x TTL reserved for Smart card reader 1 x TTL on header
USB	4 x external, 1 x pin-header for T/S controller, 1 x internal for Bluetooth
Keyboard Connector	1 x internal header
Mouse Connector	1 x internal header
GPIO	8 x I/O lines, keypad, buzzer, on-hook, 2 x on internal header
Thermal Protection	Internal sensor generates interrupt
Watchdog Timer	Can generate system reset from 1 sec. To 255 min. and 1 sec. or 1 min./step.
LAN	Realtek RTL8100C
Expansion	2 x mini-PCI slot
Display Screen 	
Type	15" XGA TFT (1024 x 768 resolution)
Color Depth	18 bit
Brightness	350-nit minimum brightness
Brightness Control	20% to 100% user controllable
Touch Screen	Resistive
Touch Controller	Internal USB

Peripherals and Device Interface 	
Headphone Socket	1 x 3.5mm jack
Phone Handset	2 x RJ11 sockets
Smart Card Reader	Integrated module
User Controls	Membrane keypad integrated on front panel
USB Ports	4 x USB 2.0 ports for external peripherals
Visual Call Indication	Call indication visible front and rear
Reset Switch	Internal push button in connector recess
Power Switch	Internal push button in connector recess
Display Inverter	Power enable and separate brightness control
Audio Sub System 	
Amplifier	0.3 @ RMS headphone output per channel (minimum) Software headphone mute Software handset mute Independent control of all audio channels via internal mixer
Buzzer	Incoming telephone call indication
Peripherals Devices 	
Hard Drive	40Gb 2.5-inch HDD
Power Supply Unit	Power input: AC 90-264V Power output: DC 19V 4.71A
Mechanical Specifications 	
Mounting	VESA 75mm x 75mm mounting hole pattern
IP Rating	IP65 compliance for front face seal
Dimensions	441.9 mm x 348.9 mm x 70.0 mm (Handset included)
Weight	5 kgs / 11 lbs
Cooling	Fanless design, rear heatsink with wipe clean design

* All specifications are subject to change without notifications.

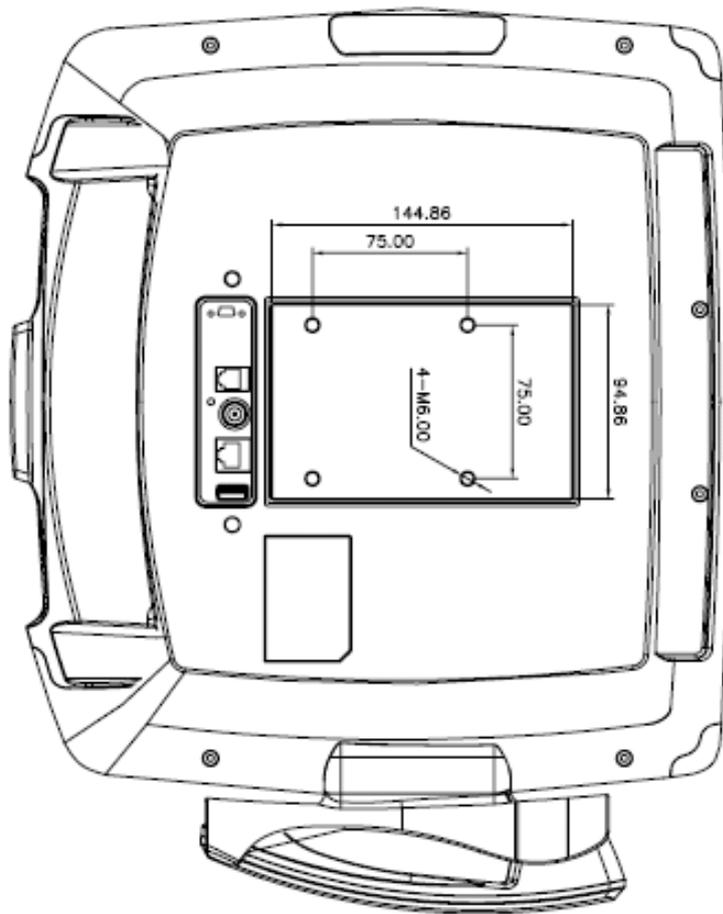
1.5 System Dimensions

1.5.1 Front Side



Unit: mm

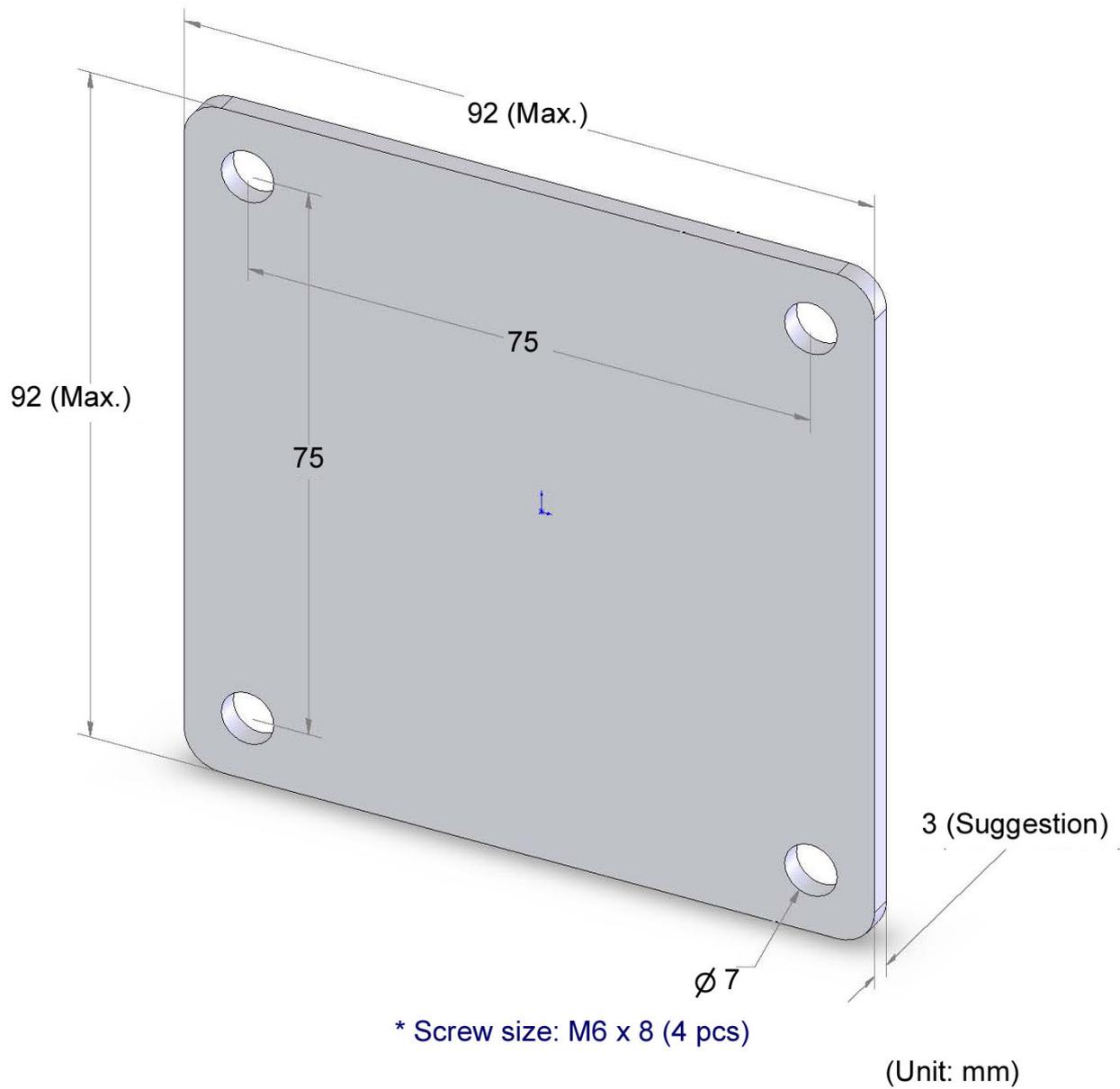
1.5.2 Rear Side



Unit: mm

MTP-1502

1.5.3 Mounting Plate



Note: If you need more detail information, please visit our website:
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