



Product Solutions Group



Fujitsu *Team*PoS® 7000 Proximity Sensor Monitor Guide

Version 1.0.1.4
May 24, 2012
Status: Rel.
Channels: ALL
Author: JC
Revision 1.0

Fujitsu Proximity Sensor Monitor Guide



Copyright © Fujitsu Frontech North America Inc. 2012

This document and the information contained herein are distributed by Fujitsu Frontech North America, Inc. ("Fujitsu") to the recipient for the purpose of facilitating business transactions with Fujitsu. Fujitsu endeavors to ensure that the information in this document is accurate and complete at the time of printing, but does not accept liability for any error or omission.



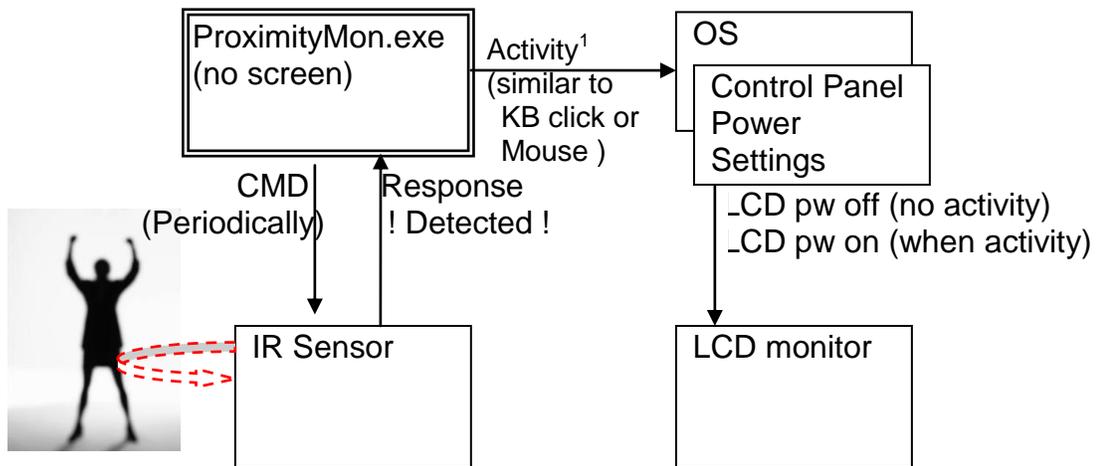
Table of Contents

1. Overview	3
2. Supported Equipment and Supported Operating Systems.....	3
2.1 Supported Equipment.....	3
2.2 Supported OS.....	3
2.3 Required additional software module	4
3. Proximity Monitor Installation Procedure.....	5
3.1 Install Proximity Monitor	5
3.2 Location of Files (after Installation).....	5
3.3 Uninstall Proximity Monitor	5
3.4 Update Proximity Monitor	5
4. How to configure Proximity Monitor.....	6
4.1 Configuration of ProximityMon.exe.....	6
4.2 Monitor Power Off setting on Control panel.....	7

1. Overview

When the IR Proximity Sensor detects an object in front of the LCD Proximity Monitor (ProximityMon.exe) sends activity indication similar to key click or mouse movement to the operating system to:

- Keeps awake state of the operating system
- Recover from LCD power off state and stop screensaver



Note 1: SetThreadExecutionState() API is used for activity notification to OS.

LCD power off is by OS function and is controlled by the Power Setting in Windows Control Panel (Control Panel > Power Option)

2. Supported Equipment and Supported Operating Systems

2.1 Supported Equipment

Name
TeamPoS7000 A100
TeamPoS7000 A200
TeamPoS7000 A300
TeamPoS7000 LCD unit(s)

2.2 Supported OS

Name
Windows XP SP3
POSReady2009
Windows 7
POSReady7

2.3 Required additional software module

Name	Note
VC++2010 Runtime Library	If not already installed, download from: http://www.microsoft.com/en-us/download/details.aspx?id=5555



3. Proximity Monitor Installation Procedure

3.1 Install Proximity Monitor

- Locate ProximityMonInstall.bat (typically at C:\TeamPoS7000-x00_Software_Support\LCD Display Touch\TeamPoS D22-D25-DV15-D72-D75\ProximityMon.
- Run ProximityMonInstall.bat - Creates the following Windows Registry entry to launch ProximityMon.exe at startup.

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Run] "ProximityMon"="C:\Windows\System32\ProximityMon.exe"
```

3.2 Location of Files (after Installation)

```
\Document and Settings\All Users\Documents (in case of WinXP based OS)
or \Users\Public\Documents (in case of Win7 based OS)
    \TeamPoSAdiagFiles
        ProximityMon.ini (created by ProximityMon.exe)
\Windows\System32
```

ProximityMon.exe

3.3 Uninstall Proximity Monitor

Stop the ProximityMon.exe via Task Manager
Delete run-registry described in 3.1.
Delete inifile at \...\Documents\TeamPoSAdiagFiles\ProximityMon.ini (if it exists), and remove \Windows\System32\ProximityMon.exe.

3.4 Update Proximity Monitor

Stop the ProximityMon.exe from TaskManager
Delete inifile at \...\Documents\TeamPoSAdiagFiles\ProximityMon.ini (if it exists)
Overwrite ProximityMon .exe in \Windows\System32\ProximityMon directory.

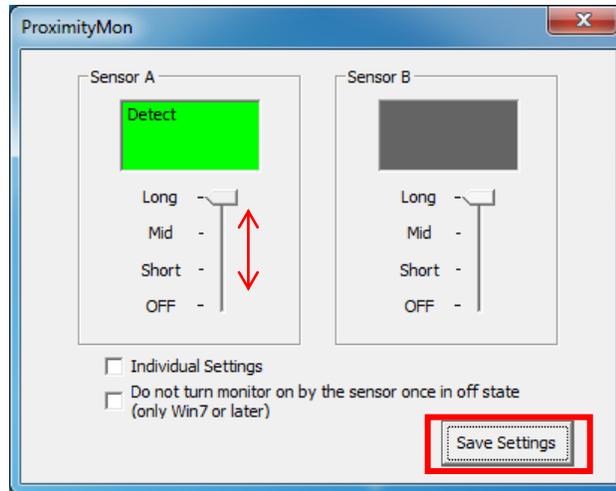
Note: After update, reconfiguration might be required.

4. How to configure Proximity Monitor

4.1 Configuration of ProximityMon.exe

(1) Run ProximityMon.exe

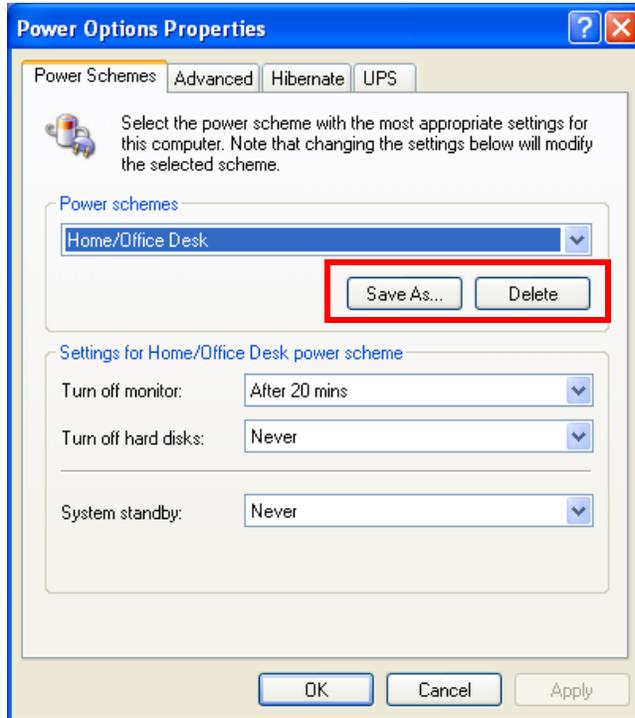
(ProximityMon is configured to run when OS boots via the Windows Registry but runs as a background task with no UI. To enable the configuration screen, manually execute ProximityMon.exe)



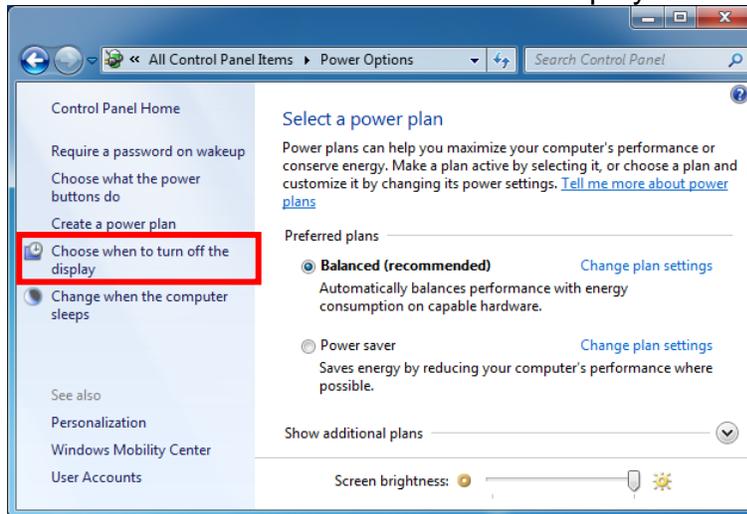
Item	Description
Sensor A/B	AIO series - Sensor A(on main unit); Sensor B (on 2 nd LCD) Modular series- Sensor A(LCD), sensor B(LCD) Sensor A or B will be set in the order of detection of sensors. This means, there is no guarantee that the primary monitor has Sensor A when two (2) sensors are used.
Off/Short/Mid/Long	Configures Off(not used), Short/Mid/Long(distance of sense)
Individual Settings	When unchecked (default), the distance of sense is set for both Sensor A and Sensor B. In this case, you only can adjust Sensor A and B from the slide bar of Sensor A. When checked, the distance of sense is configurable individually for each sensor. When set to Individual Settings, do not change the Powered USB ports that the LCD units are connected.
Do not turn monitor on by the sensor once in off state	When checked, the monitor power will not be recovered when an object is detected by the sensor once the monitor goes into Power Off state. Hitting a key or moving/clicking mouse will awake the LCD power. Only available on Windows 7 or POS Ready7.
Save settings	Save the settings (settings are saved to ini file). Settings must be saved or will be lost on restarting the system.

4.2 Monitor Power Off setting on Control panel

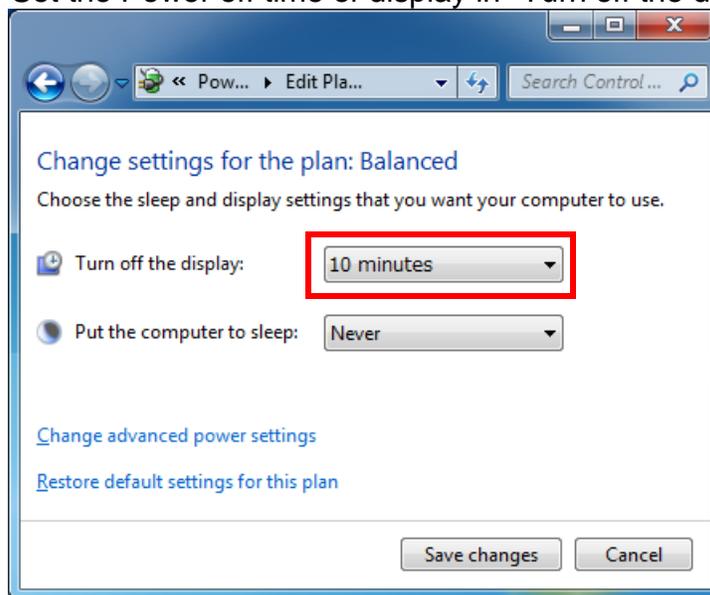
- a) In case of Windows XP, POSReady2009
Start > Control Panel > Power Options Property
Set the Power off time of monitor in “Turn off monitor”.



- b) In case of Windows 7 / POSReady7
 Start > Control Panel > Power Options
 Select “choose when to turn off the display”



Set the Power off time of display in “Turn off the display”.



This setting is required to be done by user account individually.