Reader Terminal POS Emulator Installation Instructions:

Caution: Any modification or changes to the unit not expressively authorized by the party responsible for compliance may void the users authority to operate the equipment.

- 1. Installation of POS Emulation S/W Program: 3DESREADER POS DEMO 1.0
 - a. Install CD into drive.
 - **b.** From file manager/explorer select file **STARTUP.EXE**.
 - c. Walk through standard installation process by following prompts.
 - **d.** Installation is now complete.
- 2. Installation of Reader Terminal (Refer to Fig 1)
 - **a.** Plug the RJ-45 side of the **RS-232** (via RJ-45) Serial cable into the left-most socket of the reader & the DB-9 side of the cable into one of the **COM** ports of your PC (Typically COM 2 port).
 - c. Plug the Power input (RJ-45) into the right-most socket (Red Socket).



- 3. Starting the **3DESREADER DEMO 1.0** Program
 - a. Select the Windows **START** button and select **PROGRAMS** from the drop down menu.
 - b. From **PROGRAMS** select **3DESREADER DEMO 1.0**
 - c. The program will now launch and you will see the screen noted in figure 2.

Welcome To AMEX POS DEMO 1.0 About	
CONNECT READER	PROCESS
DISCONNECT	STOP PROCESS
	TURN LED ON
	TURN LED OFF
	FIND TOKEN
	FIND TOKEN

Figure 2.

4. Select the **CONNECT READER** button. If properly connected the screen then should appear as that in figure 3.

S. Welcome To AMEX PO About	S DEMO 1.0	
CONNECT READER DISCONNECT	Reader Connected!	PROCESS STOP PROCESS TURN LED ON
		TURN LED OFF FIND TOKEN

Figure 3.

5. Press the **PROCESS** button and then present the token to the reader antenna. The reader will then look for the token and the screen will then appear as that noted in figure 4 ("Looking for Token"). Once the token is found the screen will then shift to that as noted in figure 5.

S. Welcome To AMEX PO	S DEMO 1.0	
ADDU		
CONNECT READER	Looking for	PROCESS
DISCONNECT	Token	STOP PROCESS
COM2 Opened		TURN LED ON
		TURN LED OFF
		FIND TOKEN



🖺 PayLoad Data Displayed 📃 🗖 🗙		
TRACK1DATA		
PAN ID 8000000063	Welcome To AMEX POS DEMO 1.0	<u>-0×</u>
NAME JOHN/PUBLIC		
EXPIRATION DATE 0208	CONNECT READER	PROCESS
INTER/SERVICE CODE 101	DISCONNECT	STOP PROCESS
DISCRETIONARY DATA	COM2 Opened	TURN LED ON
		TURN LED OFF
TRACK2DATA		
PAN ID 8000000063		FIND TOKEN
EXPIRATION DATE 0208		
INTER/SERVICE CODE 101		
DISCRETIONARY DATA		
ОК		
Press OK to simulate Payment Authorization		
	-	

Figure 5

- 6. To simulate the Payment Authorization Process, select the **OK** button (Figure 5) at which point the program will simulate the authorization process while displaying the correct lighting sequence.
- 7. The **Find Token** command (Figure 6) can be used just to identify a token that has been placed within the antennas read field.

S. Welcome To AMEX PO About	S DEMO 1.0	
CONNECT READER	Token	PROCESS
DISCONNECT	Found!	STOP PROCESS
COM2 Opened		TURN LED ON
		TURN LED OFF
		FIND TOKEN

Figure 6: Find Token Command

8. To manually turn the LED's on you can select the **Turn LED** On button on the main menu Figure 7.

Welcome To AMEX POS About	DEMO 1.0	_ 🗆 ×
CONNECT READER		PROCESS
DISCONNECT		STOP PROCESS
COM2 Opened		TURN LED ON
	CHECK!!!	URN LED OFF
	Did the LED turn or	n? FIND TOKEN
	Yes <u>N</u> o	

Figure 7.

9. To manually turn the LED's off select the **Turn LED Off** button as noted in figure 8.

Welcome To AMEX P About	OS DEMO 1.0	_0×
CONNECT READER		PROCESS
DISCONNECT		STOP PROCESS
COM2 Opened	CHECK!!!	TURN LED ON
	Did the LED turn off?	TURN LED OFF
	Yes No	FIND TOKEN
	Figure 8	

10. To disconnect the reader terminal select the command **Disconnect** from the main menu Figure 9.

🖷, Welcome To AMEX POS DEMO 1.0		
About		
CONNECT READER		PROCESS
DISCONNECT	CONNECT Connected!	STOP PROCESS
		TURN LED ON
		TURN LED OFF
		FIND TOKEN

Figure 9.

11. To test the second antenna, unplug the existing **antenna** as well as the **power**. Then plug in the second antenna and then reapply the power connection. You can then use the program as noted in the aforementioned sections.

3DESREADER DEMO Ver. 1.0