

Classification	<input type="checkbox"/> tDS/tGW/tSH	<input type="checkbox"/> PETL/tET/tPET/ET-2200	<input type="checkbox"/> DS/PDS/PPDS	<input type="checkbox"/> tM-752N	
	<input checked="" type="checkbox"/> I/O Card	<input type="checkbox"/> VXC Card	<input type="checkbox"/> TouchPAD/HMIWorks	<input type="checkbox"/> VxComm	
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Q: How to porting the PCI-P16R16 or PISO-P16R16 classic driver to UniDAQ?

A:

Function mapping summary

PCI-P16R16 Driver/SDK	PISO-P16R16 Driver/SDK	UniDAQ Driver/SDK
Windows 2000/XP/7/10 32-bit	Windows 2000/XP/7/10 32-bit	Windows2000/XP 32-bit Windows 7/10 32/64-bit
WORD PCI_DriverInit(WORD *wTotalBoards)	WORD PISODIO_DriverInit(void)	WORD Ixud_DriverInit(WORD *wTotalBoards);
	WORD PISODIO_SearchCard(WORD *wBoards, DWORD dwPIOCardID)	
WORD PCI_GetConfigAddressSpace(WORD wBoardNo, WORD *TypeID, WORD *wAddr0, WORD *wAddr1, WORD *wAddr2, WORD *wAddr3, WORD *wAddr4, WORD *wAddr5)	WORD PISODIO_GetConfigAddressSpace(WORD wBoardNo, DWORD *wAddr, WORD *wIrqNo, WORD *wSubVendor, WORD *wSubDevice, WORD *wSubAux, WORD *wSlotBus, WORD *wSlotDevice)	WORD Ixud_GetCardInfo(WORD wBoardNo, PIXUD_DEVICE_INFO sDevInfo, PIXUD_CARD_INFO sCardInfo, char *szModelName);
void PCI_DO16(DWORD BaseAddr, DWORD OutData)	void PISODIO_OutputByte(DWORD wPortAddr, WORD bOutputValue)	WORD Ixud_WriteDO(WORD wBoardNo, WORD wPortNo, DWORD dwDOVal);
DWORD PCI_DI16(DWORD BaseAddr)	WORD PISODIO_InputByte(DWORD wPortAddr)	WORD Ixud_ReadDI(WORD BoardNo, WORD wPortNo, DWORD *dwDIVal);
void PCI_DriverClose(void);	void PISODIO_DriverClose(void);	WORD Ixud_DriverClose(void);

Digital I/O Control

PCI-P16R16 Driver/SDK	PISO-P16R16 Driver/SDK	UniDAQ Driver/SDK
//Output 0x1234 PCI_DO16(wAddr2, 0x1234)	//Output 0x1234 PISODIO_OutputByte(wAddr+0XC0,0x34) PISODIO_OutputByte(wAddr+0XC4,0x12)	//Output 0x1234 for PCI-P16R16 Ixud_WriteDO(0,0,0x1234); //Output 0x1234 for PISO-P16R6 Ixud_WriteDO(0,0,0x34); Ixud_WriteDO(0,1,0x12);
//Input Port Value InVal = PCI_DI16(wAddr2)	//Input Port Value InValL=PISODIO_InputByte(wAddr+0xC0) InValH=PISODIO_InputByte(wAddr+0xC4)) InVal = (InValH<<8) (InValL)//InValH*256+InValL	//Input Port Value for PCI-P16R16 Ixud_ReadDI(0,0,&InVal); //Input Port Value for PISO-P16R16 Ixud_ReadDI(0,0,&InValL); Ixud_ReadDI(0,1,&InValH); nVal = (InValH<<8) (InValL)//InValH*256+InValL
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FAQ

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