



## VICORE Programming Connections

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Two Methods for Programming a Teledyne Dalsa VICORE (Vision Core Element)

178710 000 2. Remote Access 10/19 EXF

## 1. Standalone Access



## **Standalone Access**

This is the simplest method for programming the VICORE which is running Windows 10 IoT Core.

- 1. Attach an HDMI monitor
- 2. Attach a USB keyboard
- 3. Attach a USB mouse

Power the VICORE with 24 VDC @ 2A and use as you would any desktop PC.

The software is preloaded and ready to access.

## **Remote Access**

This method can replace the Standalone Access when it is not practical to keep a monitor, keyboard and mouse at the VICORE location. This method is useful when programming with a notebook or when accessing the VICORE over a network.

- Connect the host PC Ethernet port to the VICORE LAN port. The VICORE LAN port has a default static IP address of 192.168.0.100. Configure the host PC Ethernet port with a static IP address of 192.168.0.XXX.
- 2. There are two parameters that need to be checked on the VICORE before proceeding. The "Enable Remote Desktop" is enabled (the VICORE ships with this enabled) and the Device name. Use the following procedures.
- 3. Start > Settings > System > Remote Desktop > Enable Remote Desktop "ON"
- 4. Start > Settings > System > About. Make note of the Device name.

← Settings		← Settings	
ය Home	Remote Desktop	A Home	About
Find a setting	Remote Desktop lets you connect to and contrc	Find a setting	Your PC is monitored and prc
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-	another device as if you were working directly c		Firewall & Network Protection
∂ Focus assist	Enable Remote Desktop	J Focus assist	App & browser control
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O Power & sleep			Oevice security
🗇 Battery	Keep my PC awake for connections when it plugged in	Battery	See details in Windows Security
Storage		📼 Storage	
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Tablet mode	device	•	Device specifications
目 Multitasking	Advanced settings	H Multitasking	Latitude 5480
		5 Projecting to this PC	Device name DESKTOP-76V9TR0
Projecting to this PC	How to connect to this PC	are respecting to unside	Processor Intel(R) Core(TM) i7- 2.90 GHz
X Shared experiences	Lies this DC name to connect from your remote	X Shared experiences	Installed RAM 16.0 GB (15.9 GB usal
	DECKTOR 76/0TP0	19 Clinhoard	Device ID 746C67DB-DC95-40
Clipboard	DESKIOP-76V3TRO	E Cipboard	Product ID 00330-50577-35415-
	Don't have a Remote Desktop client on your rem	✓ Remote Desktop	System type 64-bit operating sys
> Remote Desktop			Pen and touch No pen or touch inp
	Liser accounts	① About	
① About			Rename this PC

- On the host PC type "remote" in the search box on the taskbar and then select "Remote Desktop Connection.
- 6. Type the VICORE Device name in the Computer field and select Connect.



The default User Name and Password is **teledyne**. You should now see the desktop of the VICORE.

