

IP Streaming Decoder Card User Manual

IP Streaming Decoder Card (hereafter referred to as “IP Card”) is one of input cards, covering one input slot of the chassis, with 2x RJ45 ports per card. (Fig. 1)

Embedded with decoding function, each port can decode 2x 1080P, 8x 720P, 18x D1 or 32x CIF IP streaming. Every monitor can maximum support 4x 1080P, 16x 720P, 36x D1 or 64x CIF windows.



Fig. 1

Support H.264 and RTSP protocol, compliance with Security Criterion, ONVIF/PSIA/GB, can be used for security applications.

Configuration

Insert/install IP Card to video wall controller chassis, IP Card input resource list will be shown accordingly on the left side of software under the taskbar [Input Sources], with the name of “DECODERII INPUT x.x”, as illustrated by Fig. 2

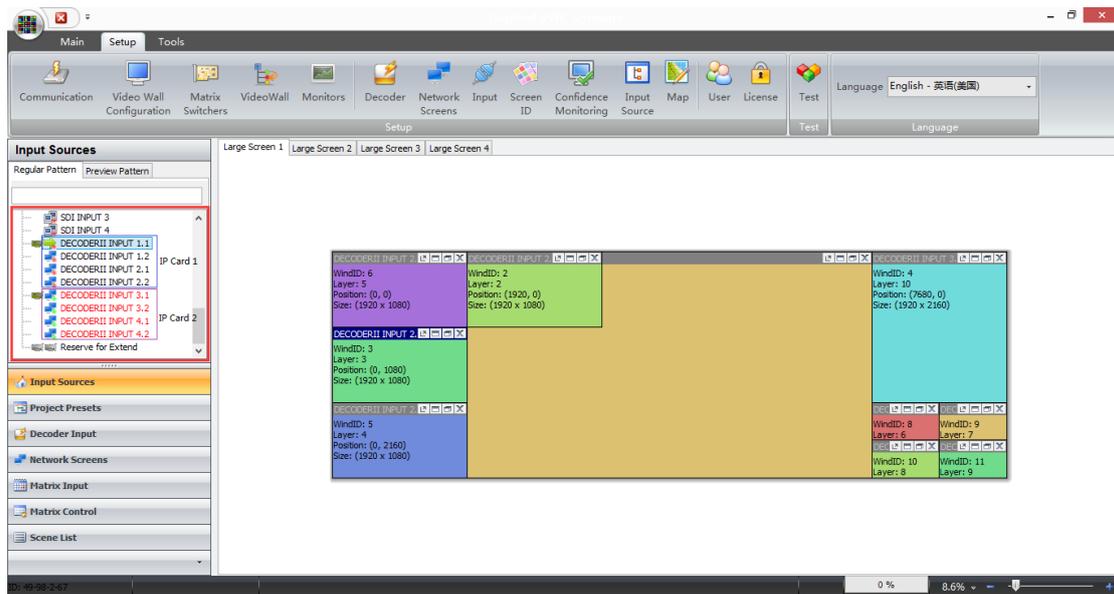


Fig. 2

Right click of “DECODERII INPUT x.x”, showing the setup menu of input resource. Hovering the mouse over “Work Mode” to get work mode list with “Single Input (1080P)”, “Two Inputs (720P)”, “Four Inputs (720P)”, “Nine Inputs (D1)”, “Sixteen Inputs (CIF)” and “Single Cycle Mode”, select the mode in accordance with the actual demand, then can create windows. (Fig. 3)

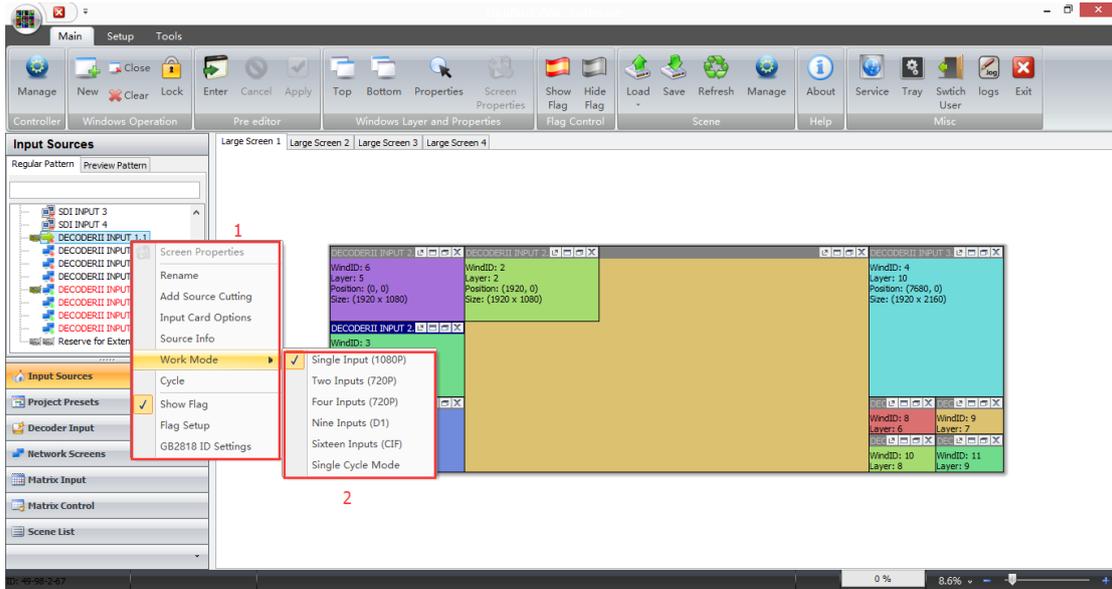


Fig. 3

Fig. 4 providing the examples of creating windows. The first port of IP Card selected Single Input (1080P), able to create windows with “DECODERII INPUT 1.1” and “DECODERII INPUT 1.2”. The second port of IP Card selected Four Inputs (720P), able to create windows for “DECODERII INPUT 2.1.1- 2.1.4” and “DECODERII INPUT 2.2.1- 2.2.4”, Fig. 6 displaying windows created by Input 1.1 and Input 2.1.1 - 2.1.4.

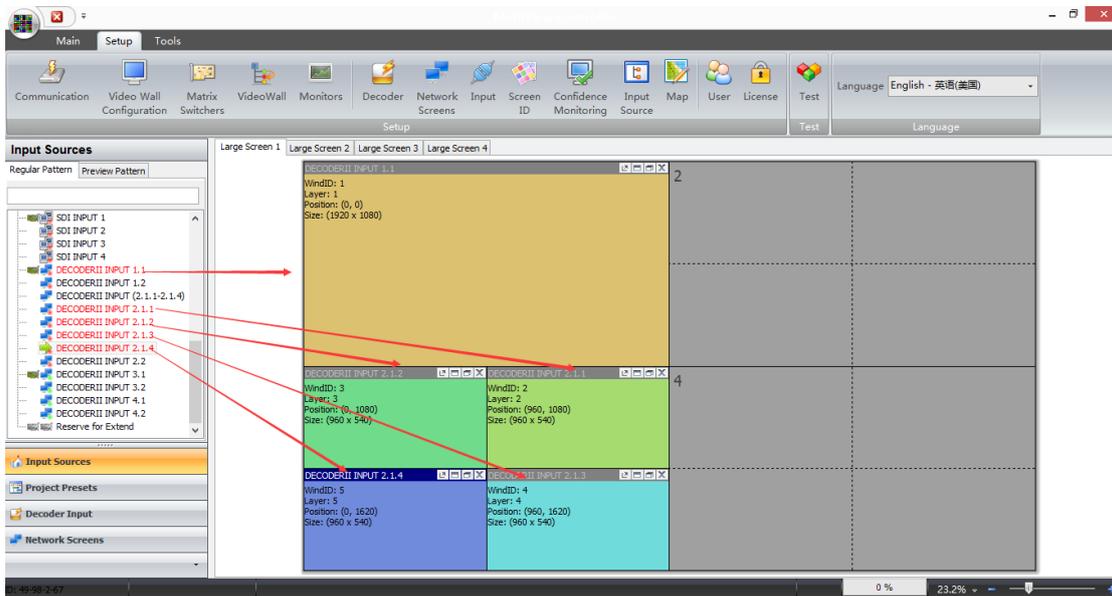


Fig. 4

IP Camera Decoding

Left click [setup], and [Decoder] under the toolbar. (Fig. 5)



Fig. 5

On the [Video Source List] interface, click [Add], then select [Show Advanced Fields] to add IP Camera. (Fig. 6)

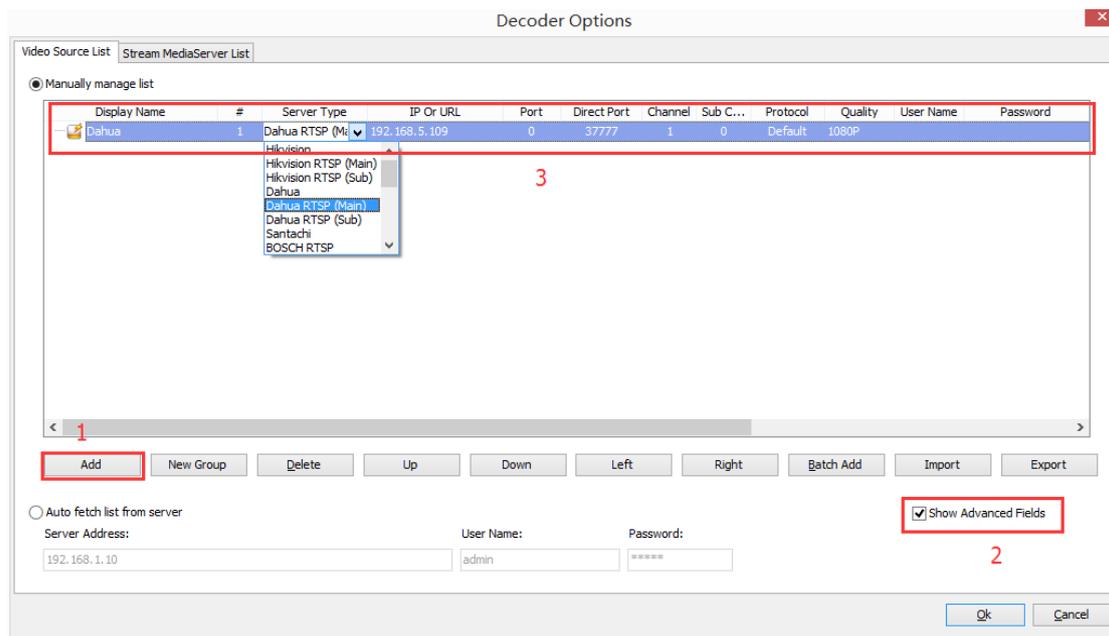
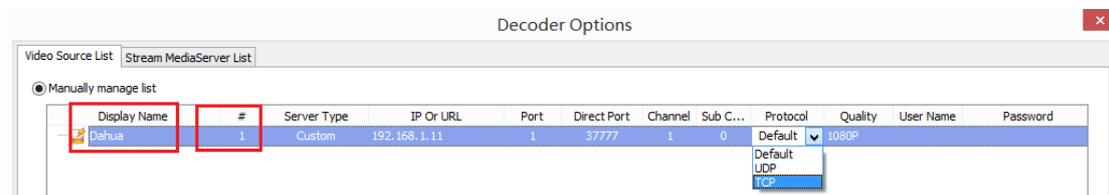
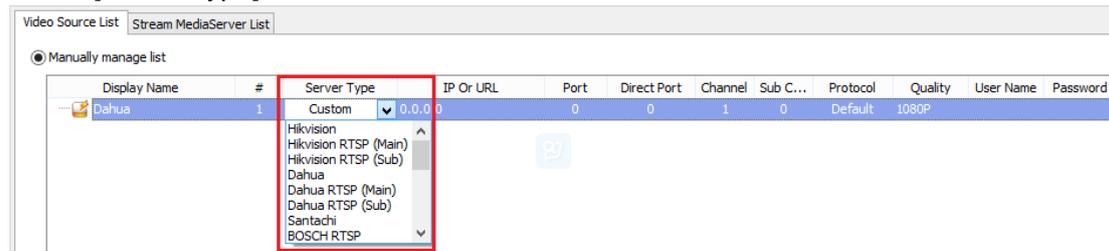


Fig. 6

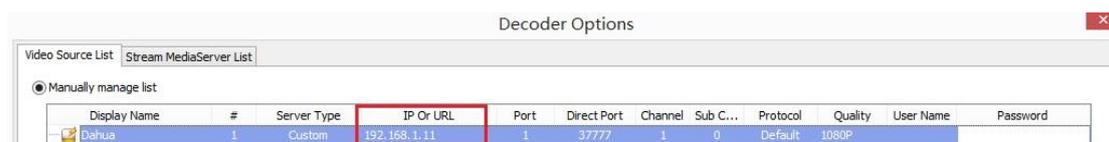
Input [Display Name] and number of the IP Camera.



Select [Server Type] for IP Camera.



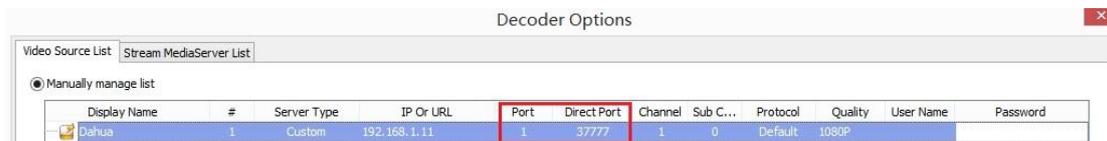
Input [IP OR URL] address of IP Camera



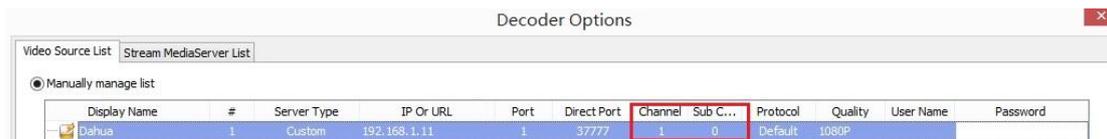
Input [Port] and [Direct Port] information, for DAHUA Camera, the Port is “1”, Direct Port is “3777”.

Note: “Port” and “Direct Port” information can be found from manufacturer website.

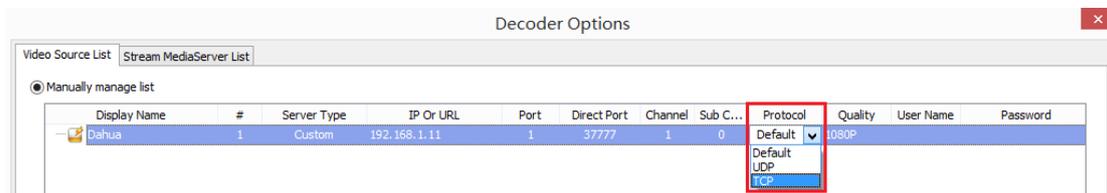
Generally, the “Direct Port” information is the same for the same brand IP Camera. Or please contact the manufacturer to get assistance.



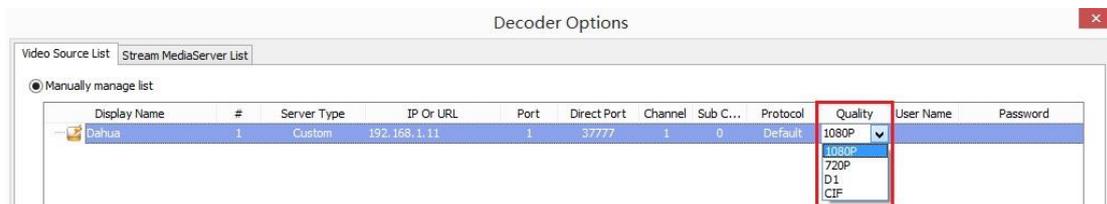
Input [Channel] and [Sub Channel] information.



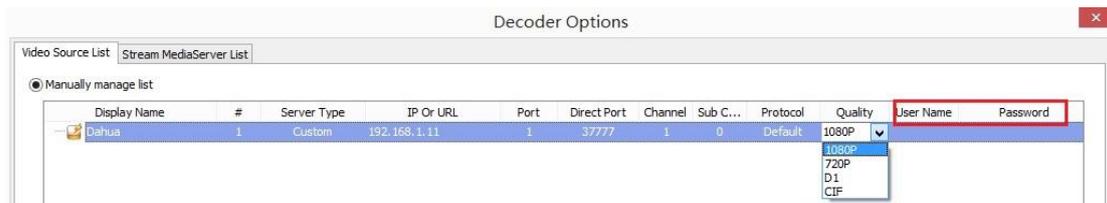
Select corresponding Protocol for IP Camera



Select demanded resolution with 1080P, 720P, D1 or CIF.



Input user name and password.



After completing the configuration of IP Camera, IP Camera “Display Name” will be shown on the left side of software under [Decoder Input]. (Fig. 7)

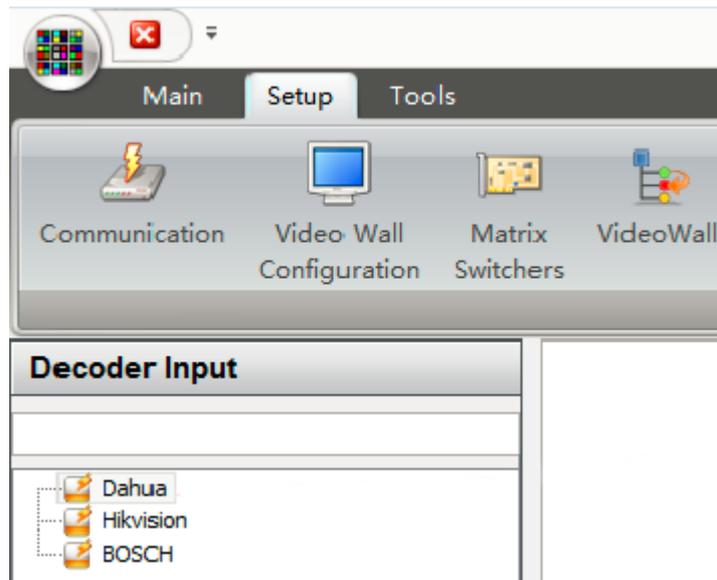


Fig. 7

Create a window with input resource “DECODERII INPUT 1.1” (Fig. 8), drag IP Camera input, which under [Decoder Input] list, to the existing window, then the window will display the input resource of accordingly IP Camera. (Fig. 8)

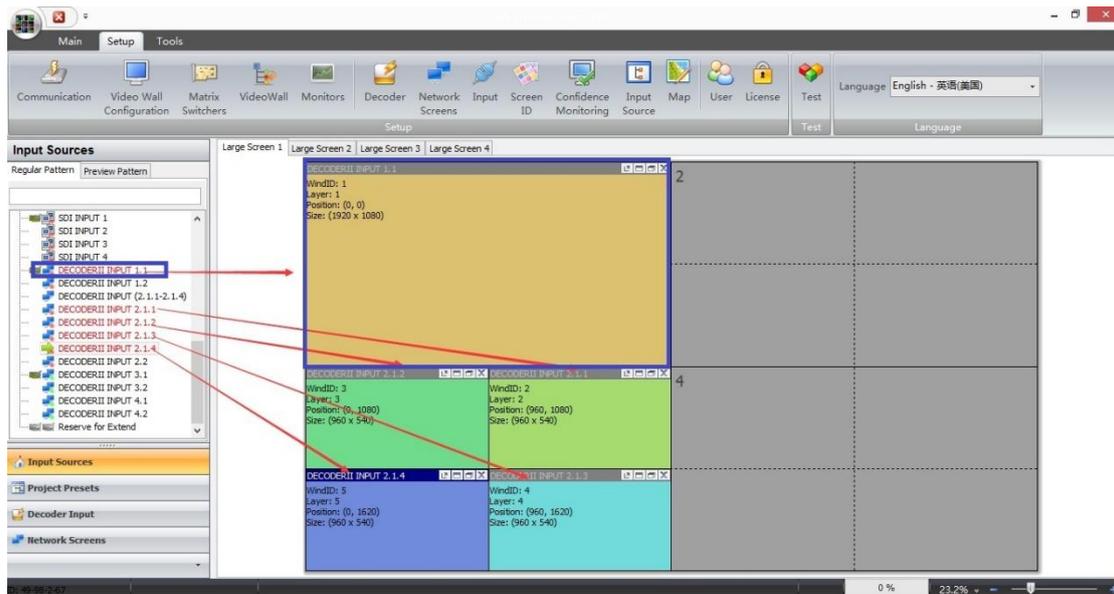


Fig. 8

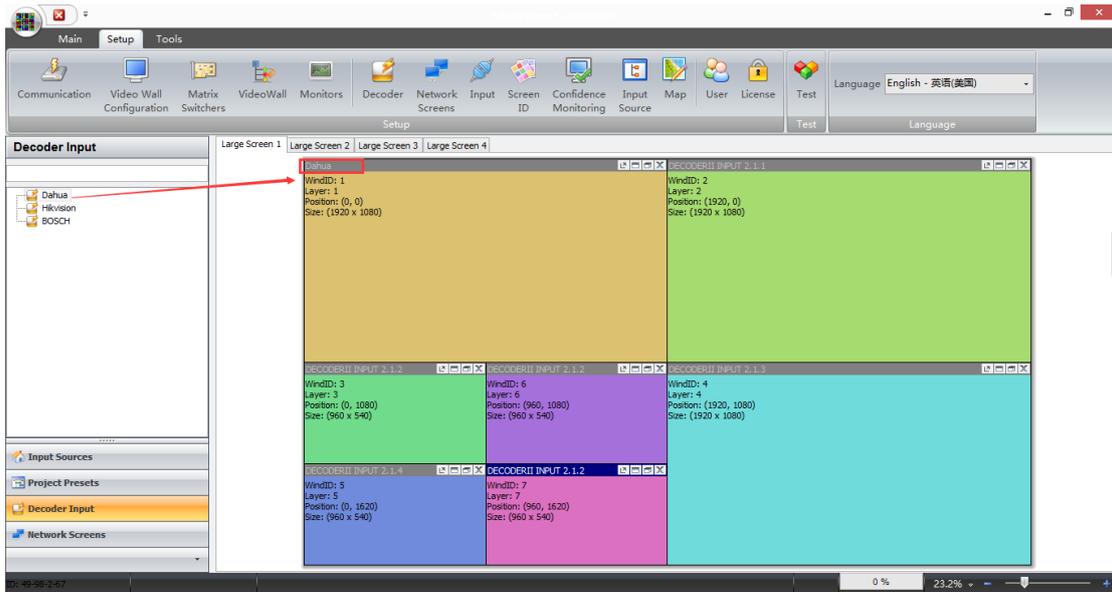


Fig. 9

Note: Prior to place order, DigiBird need to test the IP Camera to ensure compatibility.