

No	Item	Connection
1	34-way header	1. Connect D1804 breakout PCB.
		2. Connect J4 (ETHERNET) to a PC or network Ethernet port via CA2856 and D918.
		3. Connect J2 (PWR) to 12V power via CA3043.
2	SMP 50 ohm jack	RF-A COFDM antenna.
3	SMP 50 ohm jack	RF-B COFDM antenna.
4	MCX jack	SDI-1 video input.
5	MCX jack	SDI-2 video input.



CAUTION: The SOL8SDR-C will need consideration for heatsinking or fan cooling as part of the installation.



The SOL8SDR-C IP address can be established using DTC's Node Finder application.

If DHCP settings need to be disabled and a fixed address applied, right click on the device to reconfigure.

R Node Finder							×
File Jools He	lp						
2							
IP Address	Device Type	Unit Name	Version	DHCP	ESN	MAC Address	^
10.183.2.47	Eastwood	OEMSDR-01	1.2.2rc1	Enabled	56094CB227FD1CA8	00:11:6A:EF:0E:E1	
* [,	•

Double click the device on Node Finder to open web browser communications.

On authentication, leave the Username blank and enter the Password as Eastwood.

Go to the **Configuration**>*Preset*>**Encoder** tab and set the Video Source and Format to match the attached camera. Click **Apply** at the bottom of the page to save the settings.

SOL	8TX	IP F	Radi	o															C	T	C
Unit Stat	us C	onfigu	uration	En	gineer	ring															
Global	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	6				
Unit	Encod	ler 1	Enco	oder 2	Au	dio	Data	Str	eamer	Mod	lulator										
Enc	oder						Mot	ion Tr	iggers									_			
Video	Source)	SDI 1			•	Even	t Mod	e	Off		•									
Video	Format	t	720p6	60		•	Even	t Actio	on	None		Ŧ									
OSD	Position	1	Top Le	əft		•	Even	t Dura	tion	0		seco	onds								
OSD	OSD Type Date Time			•	Event Threshold																
Bitrat	e Ratio		100	%																	
Adva	nced Mo	ode					E	vent N	lask												
Fram	e Rate			R	esolut	ion															
			<u> </u>			4								-	Set All	Clea	r All				
LoD 7	20x480i	29fps																			- 11

Go to the **Configuration**>*Preset*>Modulator tab and make the settings for your system, highlighted below. Click **Apply** at the bottom of the page to save the settings. These settings **must** be matched at the receiver.

Unit Status Configuration Engineering Global I 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 Unit Encoder 1 Encoder 2 Audio Data Streamer Modulator Mod DVB-T Image: Constellation 16-QAM Vision Image: Constellation 16-QAM Image: Constellation 16-QAM Image: Constellation 16-QAM Image: Constellation 16-QAM Image: Constellation 16-QAM Image: Constellation 16-QAM Image: Constellation 16-QAM Image: Constellation 16-QAM Image: Constellation 11/32 Image: C	DTC
Global 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 Unit Encoder 1 Encoder 2 Audio Data Streamer Modulator Mod DVB-T	
Unit Encoder 1 Encoder 2 Audio Data Streamer Modulator Mod DVB-T • DVB-T Settings • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • <t< th=""><th></th></t<>	
ModDVB-TDVB-T SettingsModulation ModeDVB-TImage: Setting	
Modulation ModeDVB-TImage: Constraint of the systemModulation OnImage: Constraint of the systemConstellationFrequency2300MHzOutput Attenuation17dBRF Output PortAImage: ConstellationPA LinearityHighImage: Constellation	
Modulation OnImage: Constellation16-QAMFrequency2300MHzFEC Rate5/6Output Attenuation17dBGuard Interval1/32RF Output PortAImage: Constellation11/32Image: ConstellationPA LinearityHighImage: Constellation0ffImage: Constellation	
Frequency2300MHzFEC Rate5/6▼Output Attenuation17dBGuard Interval1/32▼RF Output PortA▼Dual PedestalOff▼PA LinearityHigh▼Spectrum Inversion■	
Output Attenuation 17 dB Guard Interval 1/32 v RF Output Port A v Dual Pedestal Off v PA Linearity High v Spectrum Inversion Image: Constraint of the second sec	
RF Output Port A Dual Pedestal Off Spectrum Inversion 	
PA Linearity High Spectrum Inversion	
Apply Save Refresh	