

Menu off	exec
Video >>	
Monitoring >>	
Audio Intercom >>	
Install >>	
Security >>	
Diagnostics >>	
Service >>	

XCU





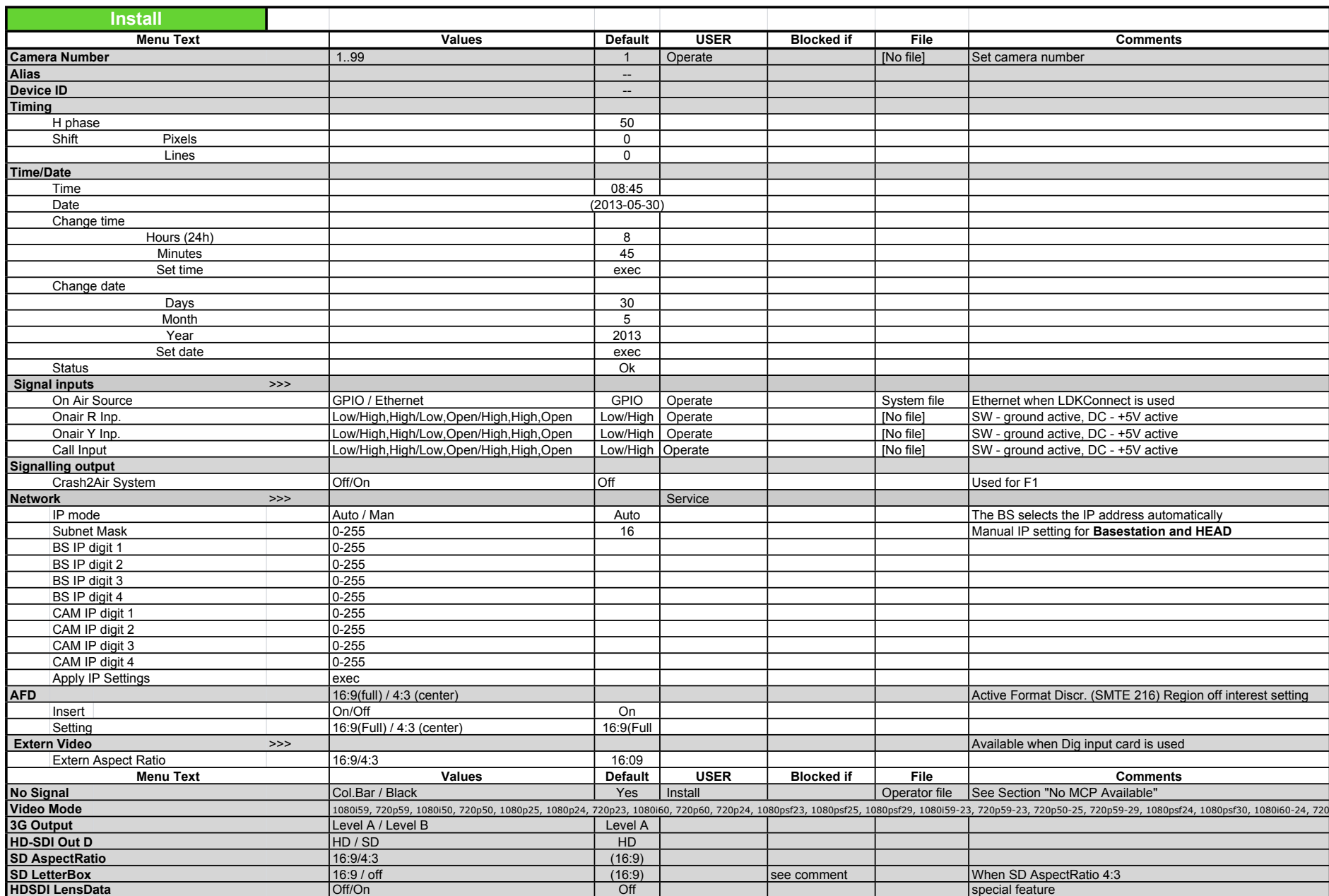
Video							
Menu Text		Values	Default	USER	Blocked if	File	Comments
Colour Bar >>>							
	Colour Bar						
	Colour Bar	On/Off	Off	Service			
	Bar Type	Split / Full	Split	Serv1		System file	Changes the colour bar type
	SD Detail						
	Detail		On				
	Source		Y				
	Level		25				
	Vertical lvl		50				
	Noise Slicer		10				
	Course / Fine		90				
	Level Dependence		30				
	Soft Detail		On				
	Soft Detail Lvl		50				



Monitoring									
Menu Text				Values	Default	USER	Blocked if	File	Comments
Display >>>									
				On/Time	Time	Operate		Operator file	VF Menu display time. ON=all time. Time=see below
Menu time >>>									
				3 -30 sec	Off	Operate		Operator file	Display studio name in Statusbar
Statusbar >>>									
		Camera Number		On/Off	Off	Operate		Operator file	Display Camera Number in statusbar
		Name		On/Off	Off	Operate		Operator file	Display camera operator name in statusbar
			Off						
			Alias						
			Dev ID						
		Cable info		On/Off	Off	Operate		Operator file	Percentage 0 150%



Audio/Intercom							
Menu Text		Values	Default	USER	Blocked if	File	Comments
Audio >>>							
	Audio Level 1	0dB/6dB	6dB	Install		System file	Studio audio system level input 1
	Audio Level 2	0dB/6dB	6dB	Install		System file	Studio audio system level input 2
Intercom >>>							
Isolate >>>							
	Source	Local/Rmote	Local	Operate & Install		Operator file	Local = Setting available in Base Station Menu, Rmote = Setting available with MCP
	Isolate	Isol/Syst	Syst	Install	Source=Rmote	Install file	Isol = Isolate - blocked PRGM and PROD Intercom to Camera head. ENG is still available, Syst = Isolate is off
Eng >>>							
	Wire Mode	2wire/4wire	4wire	Install		System file	Standard studio intercom system setting
	Voltage/Current drive	2wire/4wire	4wire	Service		[No file]	
	2/4 wire	2wire/4wire	4wire	Service		[No file]	
	Side Tone	0..99	50	Operate & Install		Operator file	
	level	0 dB/6 dB	6 dB	Operate & Install	ENG Wire Mode=2	Operator file	Standard studio intercom system setting
	In Ref Level	0..99	50	Install		System file	Input intercom level signal from studio
	Out Ref Level	0..99	50	Operate & Install		Operator file	Output intercom level to studio
Prod >>>							
	Wire Mode	2wire/4wire	4wire	Install		System file	Standard studio intercom system setting
	Voltage/Current drive	2wire/4wire	4wire	Service		[No file]	
	2/4 wire	2wire/4wire	4wire	Service		[No file]	
	Side Tone	0..99	50	Operate & Install		System file	
	Level	0 dB/6 dB	6 dB	Operate & Install	ENG Wire Mode=2	Operator file	Standard studio intercom system setting
	In Ref Level	0..99	50	Install		System file	Input intercom level signal from studio
	Out Ref Level	0..99	50	Operate & Install		System file	Output intercom level to studio
Prog >>>							
	Wire Mode	2wire/4wire	4wire	Install		System file	Standard studio intercom system setting
	Level	0 dB/6 dB	6 dB	Operate & Install		Operator file	Standard studio intercom system setting
	In Ref Level	0..99	50	Install		System file	Input intercom level signal from studio





Security							
Menu Text		Values	Default	USER	Blocked if	File	Comments
Installed level			User 3				
User 0							
User 1							
User 2							
User 3							
Pin Code >>>			0000				set / change pincode
Factory Defaults		exec	exec				Warning! All XCU parameter reset



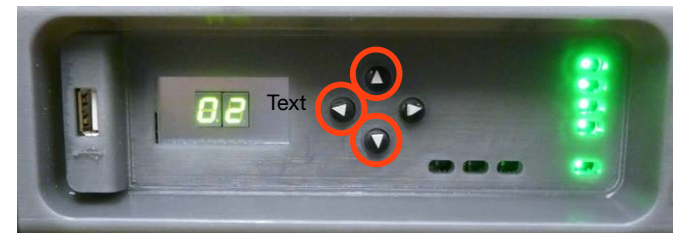
Diagnostics page 1								
Menu Text			Values	Default	USER	Blocked if	File	Comments
Cable Power								
	Camera Power		On					
	Connector		Triax / Fiber					
	Status		Cam On / Off					
Communication								
	Camera Connected		Yes/No	No	Operate		[No file]	Indication only
	C2IP Panels		1 to 99	?			[No file]	Indication only
	LDK Connect GW		No / Yes	No			[No file]	Indication only
Ethernet								
	MAC-Address			00:90:63				Indication only
				05:61:A3				Indication only
	Link state			Connected				Indication only
	Link type			100Mb / Full				Indication only
	Loopback test		>>					
		Loopback test		Off / On	Off			Test for data transport
		Data Count		---				
		Data errors		0				
		Data Loss		0				
Transmission								
	Transm. path			3G Triax / 3G Fiber				Indication only
	Transm. select		>>					
		Priority						
		Transmission		Auto / Triax / Fiber	Auto			
	Transm. profile		>>		Triax			Indication only
		Selection Mode		Auto / Manual	Manual			
		Profile		3G/HD Optimal or 3g / HD Robot	HD Optimal			
	Triax		>>					
		Cable Lenght		%				Indication only
		Cable Status		OK / Error	OK			Indication only
		Rx Sig. Status		OK / Error	OK			Indication only
		Tx Sig. Status		OK / Error	OK			Indication only
	Transm. Details		>>					
		Triax	>>					
		Triax Locked		Yes/No	Yes			
	=> XCU							
		Cable Lenght		6				
		Total Quality		0				
		Cable Quality		Good				
		Signal Quality		Good				
		Avg MER		Good				
		Max MER		Good				Avg MER, Max MER, Lenght Att., EQ Taps
		EQ Taps		Good				(MER = Modulation Errors)
		RS Error		Good				RS Error / Filter MER
		Filter MER		Good				
	<= XCU		>>					
		Cable Lenght		0				
		Total Quality		0				
		Cable Quality		Good				
		Signal Quality		Good				
			>>					
		Audio mute		On / Off	Off			
		Video mute		On / Off	Off			



Diagnostics page 2			Values	Default	USER	Blocked if	File	Comments
Menu Text								
	Data Error Stats	>>						
	UART Errors			0				Indication only
	Decompr Errors			0				Indication only
	IP Errors			0				Indication only
	TCP Errors			0				Indication only
	TCP Retries			0				Indication only
	Reset Statistics			Off				
Temperature								
	Fan	>>						
	Actual			3230				Indication only
	Required			3000				Indication only
	Temp (C)	>>						
	Power			xx C				Indication only
	Generic FPGA0			xx C				Indication only
	Generic FPGA1			xx C				Indication only
	Transmi FPGA			xx C				Indication only
	SFP Module			xx C				Indication only
	Temp (F)	>>						see Temp (C) for details
Video inputs								
	Extern 1							
	Carrier		Yes / No	?				Indication only
	Locked		Yes / No	?				Indication only
	VideoMode		SD / HD (1080i50)	?				Indication only
	Extern 2							see Extern 1 for details
	Extern 3							see Extern 1 for details
	Teleprompter		PAL / NTSC	?				
	Reference In		1080 or 720 50 or 59	?				
	Gen Lock		Yes/No	Yes				
XCU Type				XCU4220W				
XCU Status				OK				
XCU PID				032PP4				
Package Info								
	Package			Ok				
	Package 12NC			6300				
	Package Version			4.00				
	Component	>>		select				
	Appl SW			see details				
	GEB FW			see details				
	GEB Nios			see details				
	TRB FW			see details				
	PFB SW			see details				
	Config SW			see details				
	Bootloader			see details				
	Valid			Ok				
Metrics								
	Metrics			Valid				
	Run Hours			x				
	Total Run Hours			x				
	Power Cycles			x				
	Minimum Temp			xx C				
	Maximum Temp			xx C				



Service							
Menu Text		Values	Default	USER	Blocked if	File	Comments
Info Files >>>							
Storage		none / USB		Operate			
Write Config		exec / busy		Operate			
Write Settings		exec / busy	exec	Operate			
Write Usage			exec	Operate			
Log Files >>>							
Storage		None / USB		Operate			
Write AppLog		exec / busy	exec	Operate			
SD Card >>>							
Present		Yes / No	Yes	Install			
Status		exec/run	exec	Install			
Data Partition		exec/run	exec	Install			
Lic. Partition							
USB available		Yes / No	?				



Set XCU to Configuration mode

 Press these 3 buttons and switch ON XCU