

RGB/View® 6000 Serial Command Set

- All of the functionality of the RGB/View 6000 may be controlled from the RS-232 serial port or VMEbus.
- Commands are case insensitive; the upper case characters given indicate the letters required for an abbreviated version.
- Illegal arguments leave the command unchanged and generate proper usage instructions.
- Commands which require arguments will return their current settings when entered without arguments.
- **RGB Input Commands** are only applicable to RGB/View systems with RGB input channels.
- Arguments appearing in square brackets [] are optional.
- Where applicable, "Arguments" assumes a 4 window system.
- This reference card is to accompany the RGB/View 6000 User Manual dated December 17, 1998, P/N 350-5911.
- To execute commands, each command line must be followed by a carriage return.

HOST COMMANDS

Command	Arguments	Abbreviation
HOST	<AUTO FREE LOCK DEBUG>	HOST
HostInteractive	(none)	HI
ClearHostList	(none)	CHL
HostDELeTe	<1...10>	HDEL
HostLIST	[<1...27>] [<1...27>]	HLIST
HostLOAD	<1...27>	HLOAD
HostName	<name> <i>up to 17 characters, no spaces</i>	HN
HostSave	<1...10>	HS
HostTiming	<HFP> <HS> <HBP> <HACT> <VFP> <VS> <VBP> <VACT> [<HFREQ> <SYNC> <HPOL> <VPOL> <IL>]	HT

RGB INPUT COMMANDS

Command	Arguments	Abbreviation
RGBinput	<window#>	RGB
RGBinput	<window#> <AUTO LOCK DEBUG>	RGB
RGBinputDELeTe	<1...50>	RGBDEL
RGBinputInteractive	<window#>	RGBI
RGBinputLIST	(none)	RGBLIST
RGBinputLOAD	<window#> <1...50>	RGBLOAD
RGBinputName	<window#> <name>	RGBN
RGBinputSave	<window#> <1...50>	RGBS
RGBinputTiming	<window#> <HFP> <HS> <HBP> <HACT> <VFP> <VS> <VBP> <VACT> [<HFREQ> <SYNC> <HPOL> <VPOL> <IL>]	RGBT

WINDOW POSITIONING/VISIBILITY COMMANDS

Command	Arguments	Abbreviation
AspectRatioTrim	<window# ALL> <500...2000>	ART
ED	(none)	ED
MWSR	<window#> <x> <y> <width> <height>	MWSR
PDR	<window#> <x> <y> <width> <height>	PDR
PRIOriTy	<window#> <1...4>	PRI
PRIOriTy ALL	<1...10> <1...10> <1...10> <1...10>	PRI ALL
PSR	<window#> <x> <y> <width> <height>	PSR
WDR	<window#> <x> <y> <width> <height>	WDR
WINDow	<window#> <ON OFF>	WIN
WINDow ALL	<ON OFF> [<ON OFF> <ON OFF> <ON OFF>]	WIN ALL
WSR	<window#> <x> <y> <width> <height>	WSR

IMAGE CONTROL COMMANDS

Command	Arguments	Abbreviation
BRIght	<window#> <-500...500>	BRI
ChromaKey	<ON OFF>	CK
ChromaKeyColor	<-270..1250> <-270..1250> <-270..1250> <-270..1250> <270..1250> <270..1250>	CKC
CONTrast	<window#> <0...199>	CONT
ForMat	<window#> <NTSC PAL>	FM
FreeZe	<window#> <ON OFF>	FZ
GAMma	<window#> <0.5...2.0>	GAM
GRAB	<window#>	GRAB
HUE	<window#> <-180...180> <i>for NTSC video inputs only</i>	HUE
INput	<window#> <COMPOSITE SVIDEO>	IN
SATuration	<window#> <0...199> <i>for video inputs only</i>	SAT

SERIAL PORT COMMANDS

Command	Arguments	Abbreviation
BAUDrate	<1200 2400 9600 19200 38400 57600 115200>	BAUD
ECHO	<ON OFF>	ECHO

MISCELLANEOUS COMMANDS

Command	Arguments	Abbreviation
Help	[<command>]	H or ?
ID	(none)	ID
RestoreFactoryDefaults	(none)	RFD
SYStem ReSeT	(none)	SYS RST

VMEBUS COMMANDS

Command	Arguments	Abbreviation
VME ADDRess	<00000000...FFE00000>	VME ADDR
VME ADDRessMODE	<24 32>	VME ADDRMODE
VME AddressNONE	(none)	VME ANONE
VME ByteORDer	<BIGendian LITTLEendian>	VME BORD
VME CoMmanD ACKnowledge	<ENaBled DISabled>	VME CMD ACK
VME CONFIGuration	(none)	VME CONFIG
VME <DISable ENaBle>	<ALL ReaDY REQuest WindowGrabDone>	VME <DIS ENB>
VME LeVeL	<ALL ReaDY REQuest WindowGrabDone> <1 3 5 6>	VME LVL
VME <MASK UNMask>	<ALL ReaDY REQuest WindowGrabDone>	VME <MASK UNM>
VME VECTor	<ALL ReaDY REQuest WindowGrabDone> <0...255>	VME VECT
VME PING	<0...255>	VME PING
VME RESPOnses	<ENaBled DISabled>	VME RESP