

Function	External host to MCU	MCU to external host	Notes	Factory default settings
Product information commands				
Query device part number	p	71-003-01 ¶	Numeric and dash only	
Query device firmware version	P	x.xx ¶	Numeric and dash only	

Reset command				
Reset to factory defaults	r	Reset		

Input selection commands				
Select local input x	x s	Input <u>x</u> live ¶	x has 3 possible values, 1 through 3	2s (HDMI input)
Set auto switch on	0s	Auto sw on ¶		
Query local input status	s	Input <u>x</u> live (or) Auto sw on ¶		
Defeat front panel switch	0A	Front panel sw off ¶		
Allow front panel switch	1A	Front panel sw on ¶		1A (front panel allowed)
Query front panel switch	A	Front panel sw off ¶ (or) Front panel sw on ¶		

Scaler commands				
Initiate auto image	a	Auto image on ¶		
Set output format to 720p	1o	Output format 720p ¶		
Set output format to 1080p	2o	Output format 1080p ¶	x has 3 possible values, 1 through 3	2o (output 1080p)
Set output format to pixel to pixel	3o	Output format pixel to pixel ¶	Only supports 5 preset resolutions: 720p, 1080p, 1024x768, 1280x800, 1366x768	
Query output format	o	Output format 720p ¶ (or) Output format 1080p ¶ (or) Output format pixel to pixel ¶		
Set zoom level on	<u>x</u> z	Zoom level <u>x</u> ¶	x has 6 possible values, 1 through 6	1z (zoom level 1)
Query zoom level	z	Zoom level <u>x</u> ¶		

Audio commands				
Audio mute on	0M	Audio mute on ¶		
Digital audio pass through	1M	Digital audio pass through ¶		1M (digital audio pass through)
Audio mixing and embedding	2M	Audio mixing and embedding ¶		
Query audio mode	M	Audio mute on ¶ (or) Digital audio pass through ¶ (or) Audio mixing and embedding ¶		

RS-232 baud rate and protocol - 9600 baud, 8 data bits, 1 stop bit, no parity

RS-232 port pin configuration 1 = Tx, 2 = Rx, 3 = GND

Note: - The italic and underlined letters represent decimal numeric numbers

- ¶ is CR/LF (carriage return/line feed) (HEX value 0D 0A)