

FP-ZUH6000 Command Ver.1.0

				Write Command				Read Command									
Level 0	Level1	Level2	Level3	Level4	Send Command				Remark								
POWER	Power On/Standby				[P O W R *]					1=Power On 0=Standby	[P O W R ?]						
Shutter	On/Off				[P M U T *]					1=On 0=Off	[P M U T ?]						
DISPLAY	Lens Settings	Lens Shift	[OSD] ←→↑↓ **%		[L S V U 1]					Up				NOT Support			
					[L S V D 1]					Down				NOT Support			
					[L S H L 1]						Left				NOT Support		
					[L S H R 1]						Right				NOT Support		
							[L S S A *]					* = Input parameter, number range 0 to 1 * =0 Limited * =1 Full		[L S S A ?]			
			Lens Shift Settings	Shift Area	Limited/Full		[L E H P 1]				Go Home Position				NOT Support		
		Home Position		Yes/No		[L E C A 1]					Calibration				NOT Support		
			Lens Shift Memory	Calibration	Yes/No						N/A				N/A		
		Select Memory		Memory1/2/3/4/5							* = Input parameter, number range 1 to 5 * =1 Memory 1 * =2 Memory 2 * =3 Memory 3 * =4 Memory 4 * =5 Memory 5				NOT Support		
			Load				[L M A P *]					* = Input parameter, number range 1 to 5 * =1 Memory 1 * =2 Memory 2 * =3 Memory 3 * =4 Memory 4 * =5 Memory 5				NOT Support	
				Save				[L M S P *]					* = Input parameter, number range 1 to 5 * =1 Memory 1 * =2 Memory 2 * =3 Memory 3 * =4 Memory 4 * =5 Memory 5				NOT Support
					Clear				[L M C L *]					* = Input parameter, number range 1 to 5 * =1 Memory 1 * =2 Memory 2 * =3 Memory 3 * =4 Memory 4 * =5 Memory 5			
			All Clear			Reset/Cancel		[L M R T 1]								NOT Support	
				Lens Motor Lock	Lock/Unlock			[L E L O *]				* = Input parameter, number range 0 to 1 * =0 Unlock * =1 Lock		[L E L O ?]			
			Focus 1		[OSD] ←→			[F C S I 1]				Focus 1 +				NOT Support	
	Focus 2	[OSD] ←→				[F C S O 1]				Focus 1 -				NOT Support			
		Zoom	[OSD] ←→			[F C 2 I 1]				Focus 2 +				NOT Support			
	Zoom		[OSD] ←→			[F C 2 O 1]				Focus 2 -				NOT Support			
		Zoom	[OSD] ←→			[Z O M I 1]				Zoom +				NOT Support			
	Zoom		[OSD] ←→			[Z O M O 1]				Zoom -				NOT Support			
Test Pattern		Off/1/2/3/4/5/6/7/8/9/10/11/12/13/14/15/16				[T P R N * *]					** = Input parameter, number range 0 to 16 ** =0 Off ** =1 Cross hatch white ** =2 Cross hatch red ** =3 Cross hatch green ** =4 Cross hatch blue ** =5 Gray scale horizontal ** =6 Gray scale vertical ** =7 Color chart horizontal ** =8 Color chart vertical ** =9 White ** =10 Black ** =11 Red ** =12 Green ** =13 Blue ** =14 Checker pattern ** =15 Checker pattern inversion		[T P R N ?]				
	Projector Position		Front Table/Rear Table/Rear Ceiling/ Front Ceiling			[P J P S *]					* = Input parameter, number range 0 to 3 * =0 Front Table * =1 Rear Table * =2 Rear Ceiling * =3 Front Ceiling		[P J P S ?]				
			Aspect Ratio	Auto/Real/4:3/16:10/16:9/21:9			[A S P R *]					* = Input parameter, number range 0 to 5 * =0 Auto * =1 Real * =2 4:3 * =3 16:10 * =4 16:9 * =5 21:9		[A S P R ?]			
				Digital Zoom	Proportional	On/Off		[P P Z M *]					* = Input parameter, number range 0 to 1 * =0 Off * =1 On		[P P Z M ?]		
	Horizontal				50%-100%-400% (1%/Step)			[H D Z M * * *]				*** = Input parameter, number range 50 to 400		[H D Z M ?]			
	Digital Shift			Vertical	50%-100%-400% (1%/Step)			[V D Z M * * *]				*** = Input parameter, number range 50 to 400		[V D Z M ?]			
			Horizontal	0~50~100			[H D S H * * *]				*** = Input parameter, number range 0 to 100 ** Grayed out when Horizontal or Vertical is		[H D S H ?]				
	Reset		Vertical	0~50~100			[V D S H * * *]				*** = Input parameter, number range 0 to 100 ** Grayed out when Horizontal or Vertical is		[V D S H ?]				
			Reset	Reset/Cancel	Yes/No		[S C R T 1]								NOT Support		
	Raster Position		Horizontal	-1000~0~1000 (1pixel/Step)			[R S P H * * * *]				**** = Input parameter, number range -1000 to 1000(Depend on signal and aspect ratio)		[R S P H ?]				

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					Send Command	Remark		Send Command	Remark	
		Vertical	-600~0~600 (1pixel/Step)		[R S P V * * * *]	**** = Input parameter, number range -600 to 600(Depend on signal and aspect ratio)		[R S P H ?]		
		Reset	Reset/Cancel	Yes/No	[R S P R 1]					NOT Support
Blanking		Upper	Range 0-300pixel (1pixe/Step)		[B L U P * * *]	*** = Input parameter, number range 0 to 300		[B L U P ?]		
		Lower	Range 0-300pixel (1pixe/Step)		[B L D N * * *]	*** = Input parameter, number range 0 to 300		[B L D N ?]		
		Left	Range 0-500pixel (1pixe/Step)		[B L L F * * *]	*** = Input parameter, number range 0 to 500		[B L L F ?]		
		Right	Range 0-500pixel (1pixe/Step)		[B L R T * * *]	*** = Input parameter, number range 0 to 500		[B L R T ?]		
Warping & Blending		Warping & Blending Setting	On/Off/Application		[W W C G *]	* = Input parameter, number range 0 to 2 *0 Off *1 On *2 Application		[W W C G ?]		
		Grid Points	2x2/3x3/5x5/9x9/17x17		[W G P G *]	* = Input parameter, number range 0 to 4 *0 2x2 *1 3x3 *2 5x5 *3 9x9 *4 17x17		[W G P G ?]		
		Warp Inner	On/Off		[W W I G *]	* = Input parameter, number range 0 to 1 *0 Off *1 On		[W W I G ?]		
		Warp Sharpness	0~19		[W W S G * *]	** = Input parameter, number range 0 to 19 ** Graved out when the Grid Points is 2x2		[W W S G ?]		
		Grid Color	White/Red/Green/Blue/Magenta/Cyan		[W G C G *]	* = Input parameter, number range 0 to 5 *0 White *1 Red *2 Green *3 Blue *4 Magenda *5 Cyan		[W G C G ?]		
		Grid Background	Black/Transparent		[W B C G *]	* = Input parameter, number range 0 to 1 *0 Black *1 Transporent		[W B C G ?]		
		Blend Settings	Blend Width	[OSD] ←→↑↓ (4 pixel/Step)	[E B L G + B L A J 1]			[E B L G + B L A J ?]		
			Overlap Grid Number	4/6/8/10/12	[E B L G + O L G N *]	* = Input parameter, number range 0 to 4 *0 4 *1 6 *2 8 *3 10 *4 12		[E B L G + O L G N ?]		
			Gamma	1.8-2.2-2.4 0.1step	[E B L G + G A M A *]	* = Input parameter, number range 0 to 6 *0 1.8 *1 1.9 *2 2.0 *3 2.1 *4 2.2 *5 2.3 *6 2.4		[E B L G + G A M A ?]		
		Memory	Select Memory	Memory1/2/3/4/5			N/A			N/A
	Load			[G M A G *]	* = Input parameter, number range 1 to 5 *1 Memory 1 *2 Memory 2 *3 Memory 3 *4 Memory 4 *5 Memory 5				NOT Support	
	Save			[G M S G *]	* = Input parameter, number range 1 to 5 *1 Memory 1 *2 Memory 2 *3 Memory 3 *4 Memory 4 *5 Memory 5				NOT Support	
	Clear			[G M C L *]	* = Input parameter, number range 1 to 5 *1 Memory 1 *2 Memory 2 *3 Memory 3 *4 Memory 4 *5 Memory 5				NOT Support	
		All Clear	Reset/Cancel	[G M C G 1]					NOT Support	
		Reset	Reset/Cancel	Yes/No	[W R E G 1]					NOT Support
Keystone		V: -60~0~60 (1/Step)			[V K E S * * *]	*** = Input string parameter, string number range -60 to 60		[V K E S ?]		
		H: -60~0~60 (1/Step)			[H K E S * * *]	*** = Input string parameter, string number range -60 to 60		[H K E S ?]		
Corner Fit	Top Left	V: 0~80	↑↓ : to adjust. Enter: to set the adjustment value. Back: to reset the adjustment (both V and H).		[T L C Y * *]	** = Input parameter, number range 0 to 80		[T L C Y ?]		
		H: 0~120	←→ : to adjust. Enter: to set the adjustment value. Back: to reset the adjustment (both V and H).		[T L C X * * *]	*** = Input parameter, number range 0 to 120		[T L C X ?]		
	Top Right	V: 0~80	↑↓ : to adjust. Enter: to set the adjustment value. Back: to reset the adjustment (both V and H).		[T R C Y * *]	** = Input parameter, number range 0 to 80		[T R C Y ?]		
		H: 0~120	←→ : to adjust. Enter: to set the adjustment value. Back: to reset the adjustment (both V and H).		[T R C X * * *]	*** = Input parameter, number range 0 to 120		[T R C X ?]		

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					Send Command	Remark	Send Command	Remark	
		Bottom Left	V: 0~80	↑↓ : to adjust. Enter: to set the adjustment value. Back: to reset the adjustment (both V and H).	[B L C Y * *]	** = Input parameter, number range 0 to 80	[B L C Y ?]		
			H: 0~120	←→ : to adjust. Enter: to set the adjustment value. Back: to reset the adjustment (both V and H).	[B L C X * * *]	*** = Input parameter, number range 0 to 120	[B L C X ?]		
		Bottom Right	V: 0~80	↑↓ : to adjust. Enter: to set the adjustment value. Back: to reset the adjustment (both V and H).	[B R C Y * *]	** = Input parameter, number range 0 to 80	[B R C Y ?]		
			H: 0~120	←→ : to adjust. Enter: to set the adjustment value. Back: to reset the adjustment (both V and H).	[B R C X * * *]	*** = Input parameter, number range 0 to 120	[B R C X ?]		
	Pincushion	Horizontal	0~50~100		[H P I C * * *]	*** = Input parameter, number range 0 to 100	[H P I C ?]		
		Vertical	0~50~100		[V P I C * * *]	*** = Input parameter, number range 0 to 100	[V P I C ?]		
	PICTURE	Picture Mode	Bright/Standard[PROVIA]/Vivid[Velvia]/Cinema[ETERNA]/Multi-Projection[sRGB]/High Speed/HDR			[D P M O *]	* = Input parameter, number range 0 to 6 * =0 Bright * =1 Standard[PROVIA] * =2 Vivid[Velvia] * =3 Cinema[ETERNA] * =4 Multi-Projection[sRGB] * =5 High Speed * =6 HDR	[D P M O ?]	
		Brightness	0~50~100			[B R I G * * *]	*** = Input parameter, number range 0 to 100	[B R I G ?]	
Contrast		-50~0~50			[C O N T * * *]	*** = Input string parameter, string number range -50 to 50	[C O N T ?]		
TINT		-50~0~50			[T I N T * * *]	*** = Input string parameter, string number range -50 to 50	[T I N T ?]		
Saturation		-50~0~50			[S A T U * * *]	*** = Input string parameter, string number range -50 to 50	[S A T U ?]		
Gamma		1.6~2.2~3.3 (0.1/Step)			[G A M M * *]	** = Input parameter, number range 0 to 17 **=0 1.6 **=1 1.7 **=2 1.8 **=3 1.9 **=4 2.0 **=5 2.1 **=6 2.2 **=7 2.3 **=8 2.4 **=9 2.5 **=10 2.6 **=11 2.7 **=12 2.8 **=13 2.9 **=14 3.0 **=15 3.1 **=16 3.2	[G A M M ?]		
Sharpness		1~8~15			[S H R P * *]	** = Input parameter, number range 1 to 15	[S H R P ?]		
Color Temperature		3200K/4200K/5200K/6200K/6500K/Default/8200K/9300K			[C T M P *]	* = Input parameter, number range 0 to 7 * =0 3200K * =1 4200K * =2 5200K * =3 6200K * =4 6500K * =5 Default * =6 8200K * =7 9300K	[C T M P ?]		
Color Temperature Fine Tuning		R Gain	0~100~200			[R G A N * * *]	*** = Input parameter, number range 0 to 200	[R G A N ?]	
		G Gain	0~100~200			[G G A N * * *]	*** = Input parameter, number range 0 to 200	[G G A N ?]	
		B Gain	0~100~200			[B G A N * * *]	*** = Input parameter, number range 0 to 200	[B G A N ?]	
		R Offset	-50~0~50			[R O F S * * *]	*** = Input string parameter, string number range -50 to 50	[R O F S ?]	
		G Offset	-50~0~50			[G O F S * * *]	*** = Input string parameter, string number range -50 to 50	[G O F S ?]	
7colors Tuning		Color Hue (R/G/B/C/M/Y) / Red Gain (W)	Red/Green/Blue/Cyan/Magenta/Yellow/White	0~254		[H G R H * * *]	N/A	[H G R H ?]	N/A
	[H G G H * * *]					Red Hue *** = Input parameter, number range 0 to 254	[H G G H ?]		
	[H G B H * * *]					Green Hue *** = Input parameter, number range 0 to 254	[H G B H ?]		
	[H G C H * * *]					Blue Hue *** = Input parameter, number range 0 to 254	[H G C H ?]		
	[H G M H * * *]					Cyan Hue *** = Input parameter, number range 0 to 254	[H G M H ?]		
	[H G Y H * * *]					Magenta Hue *** = Input parameter, number range 0 to 254	[H G Y H ?]		
	[H G W R * * *]					Yellow Hue *** = Input parameter, number range 0 to 254	[H G W R ?]		
	Saturation (R/G/B/C/M/Y) / Green Gain (W)	0~254			[H G R S * * *]	White Red Gain *** = Input parameter, number range 0 to 254	[H G R S ?]		
					[H G G S * * *]	Red Saturation *** = Input parameter, number range 0 to 254	[H G G S ?]		
					[H G B S * * *]	Green Saturation *** = Input parameter, number range 0 to 254	[H G B S ?]		
					[H G C S * * *]	Blue Saturation *** = Input parameter, number range 0 to 254	[H G C S ?]		
					[H G M S * * *]	White Saturation *** = Input parameter, number range 0 to 254	[H G M S ?]		
					[H G Y S * * *]	Yellow Saturation *** = Input parameter, number range 0 to 254	[H G Y S ?]		

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				Write Command		Read Command		
Level 0	Level1	Level2	Level3	Level4	Send Command	Remark	Send Command	Remark
					[H G C S * * *]	Cyan Saturation *** = Input parameter, number range 0 to 254	[H G C S ?]	
					[H G M S * * *]	Magenta Saturation *** = Input parameter, number range 0 to 254	[H G M S ?]	
					[H G Y S * * *]	Yellow Saturation *** = Input parameter, number range 0 to 254	[H G Y S ?]	
					[H G W G * * *]	White Green Gain *** = Input parameter, number range 0 to 254	[H G W G ?]	
		Gain (R/G/B/C/M/Y) / Blue Gain (W)	0~254		[H G R G * * *]	Red Gain *** = Input parameter, number range 0 to 254	[H G R G ?]	
					[H G G G * * *]	Green Gain *** = Input parameter, number range 0 to 254	[H G G G ?]	
					[H G B G * * *]	Blue Gain *** = Input parameter, number range 0 to 254	[H G B G ?]	
					[H G C G * * *]	Cyan Gain *** = Input parameter, number range 0 to 254	[H G C G ?]	
					[H G M G * * *]	Magenta Gain *** = Input parameter, number range 0 to 254	[H G M G ?]	
					[H G Y G * * *]	Yellow Gain *** = Input parameter, number range 0 to 254	[H G Y G ?]	
					[H G W B * * *]	White Blue Gain *** = Input parameter, number range 0 to 254	[H G W B ?]	
		White Peaking	0~100		[W H P K * * *]	*** = Input parameter, number range 0 to 100	[W H P K ?]	
	Dynamic Contrast	Dynamic Black	On/Off		[D Y B K *]	* = Input parameter, number range 0 to 1 * = 0 Off * = 1 On	[D Y B K ?]	
		Speed	1-255		[D C S P * * *]	*** = Input parameter, number range 1 to 255	[D C S P ?]	
		Level	50-100% (1%/Step)		[D C L E * * *]	*** = Input parameter, number range 50 to 100	[D C L E ?]	
		Extreme Black	On/Off		[E X B K *]	* = Input parameter, number range 0 to 1 * = 0 Off * = 1 On	[E X B K ?]	
		Light Out Timer	0 sec~20 sec (1 sec/Step)		[D C L T * *]	** = Input parameter, number range 0 to 20	[D C L T ?]	
		Light Out Signal Level	1-255		[D C L S * * *]	*** = Input parameter, number range 1 to 255	[D C L S ?]	
		Lights On Threshold	0-127		[D C L O * * *]	*** = Input parameter, number range 0 to 127	[D C L O ?]	
		Reset	Reset/Cancel	Yes/No	[D C R T 1]			NOT Support
SOURCE	Input	HDMI 1/HDMI 2/HDBaseT (Select one to enter the source input)			[M S R C *]	* = Input parameter, number range 1 to 3 * = 1 HDMI 1 * = 2 HDMI 2 * = 3 HDBaseT	[M S R C ?]	
	Output	HDMI 1/HDMI 2			[D H O P *]	* = Input parameter, number range 0 to 1 * = 1 HDMI 1 * = 2 HDMI 2	[D H O P ?]	
	Color Space Conversion	Auto/RGB(0-255)/RGB(16-235)/YUV/REC709			[C S P A *]	* = Input parameter, number range 0 to 4 * = 0 Auto * = 1 RGB(0-255) * = 2 RGB(16-235) * = 3 YUV * = 4 REC709	[C S P A ?]	
	HDMI 1 Equalizer	Auto/1/2/3/4/5/6/7			[H A E Q *]	* = Input parameter, number range 0 to 7 * = 0 Auto * = 1 1 * = 2 2 * = 3 3 * = 4 4 * = 5 5 * = 6 6 * = 7 7	[H A E Q ?]	
	HDMI 2 Equalizer	Auto/1/2/3/4/5/6/7			[H B E Q *]	* = Input parameter, number range 0 to 7 * = 0 Auto * = 1 1 * = 2 2 * = 3 3 * = 4 4 * = 5 5 * = 6 6 * = 7 7	[H B E Q ?]	
	Backup Input Settings	Auto Switch	On / Off		[B K S W *]	* = Input parameter, number range 0 to 1 * = 0 Off * = 1 On	[B K S W ?]	
		Current Signal	[OSD] HDMI 1/HDMI 2/HDBaseT			NOT Support	[B K C S ?]	
		First Input	HDMI 1/HDMI 2/HDBaseT		[B K F I *]	* = Input parameter, number range 1 to 3 * = 1 HDMI 1 * = 2 HDMI 2 * = 3 HDBaseT	[B K F I ?]	
		Second Input	HDMI 1/HDMI 2/HDBaseT		[B K S I *]	* = Input parameter, number range 1 to 3 * = 1 HDMI 1 * = 2 HDMI 2 * = 3 HDBaseT	[B K S I ?]	
		Input Info.	Current Signal	[OSD] HDMI 1/HDMI 2/HDBaseT		NOT Support	[B K C S ?]	
			Backup Input Status	[OSD] Active/Inactive		NOT Support	[B K I S ?]	
			Backup Input Change	[OSD] Changed/No Change		NOT Support	[B K I C ?]	
			First Input	[OSD] HDMI 1/HDMI 2/HDBaseT		NOT Support	[B K F I ?]	
			Resolution	[OSD] By input source		NOT Support	[B K F R ?]	
			Vert Refresh	[OSD] By input source		NOT Support	[B K F V ?]	
			Horz Refresh	[OSD] By input source		NOT Support	[B K F H ?]	
			Color Space	[OSD] By input source		NOT Support	[B K F C ?]	

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			HDR	[OSD] By input source			NOT Support	[B K F D ?]			
			Second Input	[OSD] HDMI 1/HDMI 2/HDBaseT			NOT Support	[B K S I ?]			
			Resolution	[OSD] By input source			NOT Support	[B K S R ?]			
			Vert Refresh	[OSD] By input source			NOT Support	[B K S V ?]			
			Horz Refresh	[OSD] By input source			NOT Support	[B K S H ?]			
			Color Space	[OSD] By input source			NOT Support	[B K S C ?]			
			HDR	[OSD] By input source			NOT Support	[B K S D ?]			
	EDID Settings	HDMI 1	2.0/1.4/Custom		[D H E A *]		* = Input parameter, number range 0 to 2 *=0 2.0 *=1 1.4 *=2 Custom	[D H E A ?]			
		HDMI 2	2.0/1.4/Custom		[D H E B *]		* = Input parameter, number range 0 to 2 *=0 2.0 *=1 1.4 *=2 Custom	[D H E B ?]			
		HDBaseT	2.0/1.4/Custom		[D H E C *]		* = Input parameter, number range 0 to 2 *=0 2.0 *=1 1.4 *=2 Custom	[D H E C ?]			
	HDR	Auto/Off			[H D R G *]		* = Input parameter, number range 0 to 1 *=0 Off *=1 Auto	[H D R G ?]			
BASIC	Language	English/French/Germany/Italian/Spanish/Russian/Traditional Chinese/Simplified Chinese/Japanese/Korean/Swedish/Dutch/Turkish/Portuguese/Polish/Danish/Thai/Norwegian/Indonesian/Vietnamese/Czech/Finnish/Greek/Hungarian (24 languages)			[L A N G * *]		** = Input parameter, number range 0 to 23 **=0 English **=1 French **=2 Germany **=3 Italian **=4 Spanish **=5 Russian **=6 Traditional Chinese **=7 Simplified Chinese **=8 Japanese **=9 Korean **=10 Swedish **=11 Dutch **=12 Turkish **=13 Portuguese **=14 Polish **=15 Danish **=16 Thai **=17 Norwegian **=18 Indonesian **=19 Vietnamese **=20 Czech **=21 Finnish **=22 Greek	[L A N G ?]			
	Menu Settings	Menu Display Time	5 sec 10 sec 20 sec 30 sec Always		[M E T I *]		* = Input parameter, number range 0 to 4 *=0 5 second *=1 10 second *=2 20 second *=3 30 second *=4 Always	[M E T I ?]			
		Menu Position	Center Top Left Top Right Bottom Right Bottom Left		[M E L G *]		* = Input parameter, number range 0 to 4 *=0 Center *=1 Top Left *=2 Top Right *=3 Bottom Right *=4 Bottom Left	[M E L G ?]			
		Reminder Message	On/Off		[S M S G *]		* = Input parameter, number range 0 to 1 *=0 Off *=1 On	[S M S G ?]			
		Menu Transparency	0-90 (5/Step)		[M N T P * *]		** = Input parameter, number range 0 to 90	[M N T P ?]			
	Background Color	FUJIFILM(Blue)/FUJIFILM(White)/FUJIFILM(Black)/Black/Blue/Custom			[B G C L *]		* = Input parameter, number range 0 to 5 *=0 FUJIFILM(Blue) *=1 FUJIFILM(White) *=2 FUJIFILM(Black) *=3 Black *=4 Blue *=5 Custom	[B G C L ?]			
	Remote Receiver	Front	On/Off		[F R N T *]		* = Input parameter, number range 0 to 1 *=0 Off *=1 On	[F R N T ?]			
		Top	On/Off		[T O P P *]		* = Input parameter, number range 0 to 1 *=0 Off *=1 On	[T O P P ?]			
		Rear	On/Off		[R E A R *]		* = Input parameter, number range 0 to 1 *=0 Off *=1 On	[R E A R ?]			
		HDBaseT	On/Off		[H D B T *]		* = Input parameter, number range 0 to 1 *=0 Off *=1 On	[H D B T ?]			
	Projector ID Settings	Enable	On/Off		[P I E N *]		** = Projector ID Enable, number range 0 to 1 *=0 Off *=1 On	[P I E N ?]			
		Projector ID	00~99		[P J A D * *]		** = Projector ID, number range 00 to 99	[P J A D ?]			
		Apply	Yes/No		[P I D A 1]					NOT Support	

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					Send Command	Remark	Send Command	Remark
	Panel Key Lock	On/Off			[K Y L K *]	* = Input parameter, number range 0 to 1 * = 0 Off * = 1 On	[K Y L K ?]	
	Backlight Preferences	Panel Key	On/Off/5 sec/10 sec/20 sec/30 sec		[B A L I *]	* = Input parameter, number range 0 to 5 * = 0 On * = 1 Off * = 2 5 sec * = 3 10 sec * = 4 20 sec * = 5 30 sec	[B A L I ?]	
		Indicator	On/Off/Warning Errors Only		[S B L G *]	* = Input parameter, number range 0 to 2 * = 0 On * = 1 Off * = 2 Warning Errors Only	[S B L G ?]	
	Security Settings	New/Change Password	[4-digit numbers]		[P I N C " * "]	* = Enter password string parameter. Each password string must be 4 digits and must be separated by ','. Total of 9 characters are required. Example: [Case 1: Create New Password] ****,****=New Password,New Password again [Case 2: Change Password] *****,C,P,L,M,S,I,U,S,I	[P I N C ?]	
		Power On Lock	On/Off		[P I N P " * "]	* = Enter password string parameter. Each password string must be 4 digits.	[P I N P ?]	
	Audio Settings	Mute	On/Off		[A M U T *]	* = Input parameter, number range 0 to 1 * = 0 Off * = 1 On	[A M U T ?]	
		Volume	0~50~100		[A V O L * * *]	*** = Input parameter, number range 0 to 100	[A V O L ?]	
	4K Setting	On/Off			[P A 4 K *]	* = Input parameter, number range 0 to 1 * = 0 Off * = 1 On	[P A 4 K ?]	
	High Altitude Mode	On/Off			[H I A L *]	* = Input parameter, number range 0 to 1 * = 0 Off * = 1 On	[H I A L ?]	
	Reset Settings	Display Settings	Reset/Cancel	Yes/No	[D P R T 1]			NOT Support
		Picture Settings	Reset/Cancel	Yes/No	[I M R T 1]			NOT Support
		BASIC Settings	Reset/Cancel	Yes/No	[S B R T 1]			NOT Support
		ADVANCED Settings	Reset/Cancel	Yes/No	[S A R T 1]			NOT Support
		Initialize	Reset/Cancel	Yes/No	[F R S T 1]			NOT Support
ADVANCED	Light Source Mode	Normal/Eco			[L P M O *]	* = Input parameter, number range 0 to 1 * = 0 Normal * = 1 Eco	[L P M O ?]	
	Light Output Settings	Light Output Setting	10%~100% (1%/Step)		[L S B L * * *]	*** = Input parameter, number range 10 to 100	[L S B L ?]	
		Brightness Compensation	On/Off		[L S C B *]	* = Input parameter, number range 0 to 1 * = 0 Off * = 1 On	[L S C B ?]	
	Shutter Settings	Fade-In	Off/0.5 sec/1 sec/1.5 sec/2 sec/2.5 sec/3 sec/3.5 sec/4 sec/4.5 sec/5 sec (0.5 sec/Step)		[S H F I * *]	** = Input string parameter, string number range 00 to 50 Example: **=00 Off **=05 0.5 sec **=10 1 sec **=50 5 sec	[S H F I ?]	
		Fade-Out	Off/0.5 sec/1 sec/1.5 sec/2 sec/2.5 sec/3 sec/3.5 sec/4 sec/4.5 sec/5 sec (0.5 sec/Step)		[S H F O * *]	** = Input string parameter, string number range 00 to 50 Example: **=00 Off **=05 0.5 sec **=10 1 sec **=50 5 sec	[S H F O ?]	
		Startup	On/Off		[S H S P *]	* = Input parameter, number range 0 to 1 * = 0 Off * = 1 On	[S H S P ?]	
	Operation Settings	Direct Power On	On/Off		[D P O N *]	* = Input parameter, number range 0 to 1 * = 0 Off * = 1 On	[D P O N ?]	
		Signal Power On	On/Off		[S P O N *]	* = Input parameter, number range 0 to 1 * = 0 Off * = 1 On	[S P O N ?]	
		Auto Power Off	0~180 min (5 min/Step)		[A P O F * * *]	*** = Input string parameter, string number range 000 to 180 Example: ***=000 0 min ***=005 5 min ***=180 180 min	[A P O F ?]	
		Sleep Timer	0.0~16.0 hr (0.5 hr/Step)		[S L T M * *]	** = Input string parameter, string number range 00 to 32 Example: **=00 0.0 hr **=01 0.5 hr **=22 16.0 hr	[S L T M ?]	

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Level 0	Level1	Level2	Level3	Level4	Write Command		Read Command	
					Send Command	Remark	Send Command	Remark
	Standby Mode	Standby/Communication			[S B P M *]	* = Input parameter, number range 0 to 1 * = 0 Standby * = 1 Communication	[S B P M ?]	
	Date and Time Settings	Clock Mode	Manual/NTP Server		[D T C M *]	* = Input parameter, number range 0 to 1 * = 0 NTP Server * = 1 Manual	[D T C M ?]	
		Date	[YYYYMMDD]		[D T S Y * * * *]	**** = Input parameter, number range 2000 to 2037	[D T S Y ?]	
					[D T S M * *]	** = Input parameter, number range 01 to 12	[D T S M ?]	
					[D T S D * *]	** = Input parameter, number range 01 to 31	[D T S D ?]	
		Time	[HH:MM]		[D T T H * *]	** = Input parameter, number range 00 to 23	[D T T H ?]	
					[D T T M * *]	** = Input parameter, number range 00 to 59	[D T T M ?]	
		Daylight Saving Time	On/Off		[D T D S *]	* = Input parameter, number range 0 to 1 * = 0 Off * = 1 On	[D T D S ?]	
		NTP Server IP Address	XXX.XXX.XXX.XXX		[D T N I " * "]	* = Enter the complete string of the NTP server IP address and must include the '.' character, total of 15 characters. Example: 192.168.000.001	[D T N I ?]	
		Time Zone	UTC+14:00~UTC+00:00~UTC-12:00		[D T T Z * *]	* = Input parameter, number range 0 to 37 **=0 UTC+14:00 **=1 UTC+13:00 **=2 UTC+12:45 **=3 UTC+12:00 **=4 UTC+11:00 **=5 UTC+10:30 **=6 UTC+10:00 **=7 UTC+09:30 **=8 UTC+09:00 **=9 UTC+08:45 **=10 UTC+08:00 **=11 UTC+07:00 **=12 UTC+06:30 **=13 UTC+06:00 **=14 UTC+05:45 **=15 UTC+05:30 **=16 UTC+05:00 **=17 UTC+04:30 **=18 UTC+04:00 **=19 UTC+03:30 **=20 UTC+03:00 **=21 UTC+02:00 **=22 UTC+01:00 **=23 UTC+00:00 **=24 UTC-01:00 **=25 UTC-02:00 **=26 UTC-03:00 **=27 UTC-03:30 **=28 UTC-04:00 **=29 UTC-05:00 **=30 UTC-06:00 **=31 UTC-07:00 **=32 UTC-08:00 **=33 UTC-09:00 **=34 UTC-09:30 **=35 UTC-10:00	[D T T Z ?]	
		Update Interval	Hourly/Daily		[D T U I *]	* = Input parameter, number range 0 to 1 * = 0 Hourly * = 1 Daily	[D T U I ?]	
	Apply	Yes/No		[D T A P 1]		[D T A P ?]		
	Schedule Settings	Schedule Enable	On/Off		[S C H E + M O D E *]	* = Input parameter, number range 0 to 1 * = 0 Off * = 1 On	[S C H E + M O D E ?]	
		Today/Sunday/Monday/Tuesday/Wednesday/Thursday/Friday/Saturday	Schedule Enable	On/Off	[S C W # + M O D E *]	# = Input parameter, number range 0 to 6 #=0 Sunday #=1 Monday #=2 Tuesday #=3 Wednesday #=4 Thursday #=5 Friday #=6 Saturday * = Input parameter, number range 0 to 1 * = 0 Off	[S C W # + M O D E ?]	# = Input parameter, number range 0 to 6 #=0 Sunday #=1 Monday #=2 Tuesday #=3 Wednesday #=4 Thursday #=5 Friday #=6 Saturday
		Event 01~Event 16	Time Function Event [Power Settings] Event [Input Source] Event [Light Source Mode] Event [Shutter]		[S C W # + E V W R " * "]	* = Input parameter, number range 0 to 6 #=0 Sunday #=1 Monday #=2 Tuesday #=3 Wednesday #=4 Thursday #=5 Friday	[S C W # + E V R D ?]	# = Input parameter, number range 0 to 6 #=0 Sunday #=1 Monday #=2 Tuesday #=3 Wednesday #=4 Thursday #=5 Friday

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Level 0	Level1	Level2	Level3	Level4	Write Command		Read Command		
					Send Command	Remark	Send Command	Remark	
				Reset	[S C W # + E V R T * *]	# = Input parameter, number range 0 to 6 # = 0 Sunday # = 1 Monday # = 2 Tuesday # = 3 Wednesday # = 4 Thursday # = 5 Friday # = 6 Saturday ** = Input string parameter, string number range 00 to 16 ** = 01 Event01 ** = 02 Event02 ** = 03 Event03 ** = 04 Event04 ** = 05 Event05 ** = 06 Event06 ** = 07 Event07 ** = 08 Event08 ** = 09 Event09 ** = 10 Event10 ** = 11 Event11 ** = 12 Event12 ** = 13 Event13 ** = 14 Event14			
			Copy Events To	Monday Tuesday Wednesday Thursday Friday Saturday Sunday	[S C W # + C P W D *]	# = Input parameter, number range 0 to 6 # = 0 Sunday # = 1 Monday # = 2 Tuesday # = 3 Wednesday # = 4 Thursday # = 5 Friday # = 6 Saturday * = Input parameter, number range 0 to 6 * = 0 Sunday * = 1 Monday * = 2 Tuesday * = 3 Wednesday * = 4 Thursday * = 5 Friday * = 6 Saturday		NOT Support	
			Reset the Day	Reset/Cancel	[S C W # + R E S T 1]	# = Input parameter, number range 0 to 6 # = 0 Sunday # = 1 Monday # = 2 Tuesday # = 3 Wednesday # = 4 Thursday # = 5 Friday # = 6 Saturday		NOT Support	
		Reset	Reset/Cancel	Yes/No	[S C H E + R E S T 1]				NOT Support
LAN Settings	Status	[OSD] Connected/Disconnected						[L M N S ?]	
	MAC Address	[OSD] XX:XX:XX:XX:XX						[L M A C ?]	
	Control Channel	LAN/HDBaseT			[L A N I *]	* = Input parameter, number range 0 to 1 * = 0 RJ45 * = 1 HDBaseT		[L A N I ?]	
	IPv4 Settings	DHCP	On/Off		[L D H C *]	* = Input parameter, number range 0 to 1 * = 0 Off * = 1 On		[L D H C ?]	
		Projector IP Address	XXX.XXX.XXX.XXX		[L I P A " * "]	* = Enter the complete string of the projector IPv4 IP address and must include the '!' character, total of 15 characters. Example: 192.168.000.001		[L I P A ?]	
		Subnet Mask	XXX.XXX.XXX.XXX		[L S U B " * "]	* = Enter the complete string of the projector IPv4 Subnet Mask address and must include the '!' character, total of 15 characters. Example: 192.168.000.001		[L S U B ?]	
		Default Gateway	XXX.XXX.XXX.XXX		[L G A T " * "]	* = Enter the complete string of the projector IPv4 Gateway address and must include the '!' character, total of 15 characters. Example: 192.168.000.001		[L G A T ?]	
		Primary DNS	XXX.XXX.XXX.XXX		[D N S P " * "]	* = Enter the complete string of the projector IPv4 Primary DNS address and must include the '!' character, total of 15 characters. Example: 192.168.000.001		[D N S P ?]	

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Level 0	Level1	Level2	Level3	Level4	Write Command		Read Command		
					Send Command	Remark	Send Command	Remark	
			Secondary DNS	XXX.XXX.XXX.XXX	[D N S S " * "]	* = Enter the complete string of the projector IPv4 Secondary DNS address and must include the '.' character, total of 15 characters. Example: 192.168.000.001	[D N S S ?]		
			Apply	[ENTER]	[L A P Y 1]				NOT Support
		IPv6 Settings	DHCP	On/Off	[V D H C *]	* = Input parameter, number range 0 to 1 *=0 Off *=1 On	[V D H C ?]		
			Projector IP Address	XXXX:XXXX:XXXX:XXXX:XXXX:XXXX:XXXX:XXXX	[V I P A " * "]	* = Enter the complete string of the projector IPv6 IP address and must include the ':' character, total of 39 characters. Example: fd00:0000:0000:0000:0000:0000:0000:0001	[V I P A ?]		
			Prefix		[V P R X * * *]	*** = Input parameter, number range 0 to 128	[V P R X ?]		
			Default Gateway	XXXX:XXXX:XXXX:XXXX:XXXX:XXXX:XXXX:XXXX	[V G A T " * "]	* = Enter the complete string of the projector IPv6 Gateway address and must include the ':' character, total of 39 characters. Example: fd00:0000:0000:0000:0000:0000:0000:0001	[V G A T ?]		
			DNS	XXXX:XXXX:XXXX:XXXX:XXXX:XXXX:XXXX:XXXX	[V D N S " * "]	* = Enter the complete string of the projector IPv6 DNS address and must include the ':' character, total of 39 characters. Example: 0000:0000:0000:0000:0000:0000:0000:0000	[V D N S ?]		
			Apply	[ENTER]	[L A P Y 2]				NOT Support
LAN Control		Crestron Connected V2	On/Off		[C R E N *]	* = Input parameter, number range 0 to 1 *=0 Off *=1 On	[C R E N ?]		
		Extron IP LINK	On/Off		[E X E N *]	* = Input parameter, number range 0 to 1 *=0 Off *=1 On	[E X E N ?]		
		PJLink	On/Off		[P J E N *]	* = Input parameter, number range 0 to 1 *=0 Off *=1 On	[P J E N ?]		
		AMX Device Discovery	On/Off		[A X E N *]	* = Input parameter, number range 0 to 1 *=0 Off *=1 On	[A X E N ?]		
		Telnet	On/Off		[T E E N *]	* = Input parameter, number range 0 to 1 *=0 Off *=1 On	[T E E N ?]		
		HTTP	On/Off		[H T E N *]	* = Input parameter, number range 0 to 1 *=0 Off *=1 On	[H T E N ?]		
Serial Setting		9600/19200/38400/57600/115200			[S P B I *]	* = Input parameter, number range 0 to 4 *=0 9600 *=1 19200 *=2 38400 *=3 57600 *=4 115200	[S P B I ?]		
User Settings		Select Memory	Memory1/2/3/4/5			N/A			
		Load			[U D L D *]	* = Input parameter, number range 1 to 5 *=1 Memory 1 *=2 Memory 2 *=3 Memory 3 *=4 Memory 4 *=5 Memory 5	[U D L D ?]		
		Save			[U D S A *]	* = Input parameter, number range 1 to 5 *=1 Memory 1 *=2 Memory 2 *=3 Memory 3 *=4 Memory 4 *=5 Memory 5	[U D S A ?]		
		Clear			[U D C L *]	* = Input parameter, number range 1 to 5 *=1 Memory 1 *=2 Memory 2 *=3 Memory 3 *=4 Memory 4 *=5 Memory 5	[U D C L ?]		
		All Clear	Reset/Cancel	Yes/No	[U D A C 1]				NOT Support
Filter Settings		Filter Usage Time	[OSD] 0~9999 hr			NOT Support	[F I U S + T I M E ?]		
		Filter Usage Reminder Limit	4000/3500/3000/2500/2000/1500/1000 hr		[F I U S + L I M T *]	* = Input parameter, number range 1 to 5 *=0 4000 hr *=1 3500 hr *=2 3000 hr *=3 2500 hr *=4 2000 hr *=5 1500 hr *=6 1000 hr	[F I U S + L I M T ?]		* = Input parameter, number range 1 to 5 *=0 4000 hr *=1 3500 hr *=2 3000 hr *=3 2500 hr *=4 2000 hr *=5 1500 hr *=6 1000 hr
		Reset Filter Usage Time	Reset/Cancel	Yes/No	[F I U S + R E S T 1]				NOT Support
STATUS*	Summary	Current System Status	[OSD] 0x0000_0x0000_0x0000			NOT Support	[S Y S S ?]		
		Model Name	[OSD] FP-ZUH6000			NOT Support	[M D N A ?]		
		Serial Number	[OSD] XXXXXXXX			NOT Support	[S E R I ?]		

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Level 0	Level1	Level2	Level3	Level4	Write Command		Read Command		
					Send Command	Remark	Send Command	Remark	
		Current Input Signal	[OSD] HDMI 1/HDMI 2/HDBaseT					[M S R C ?]	
		Resolution	[OSD] By input source					[M S R S ?]	
		Vert Refresh	[OSD] By input source					[M S V R ?]	
		Horz Refresh	[OSD] By input source					[M S H R ?]	
		Picture Mode	[OSD] By input source					[D P M O ?]	
		Projector IP Address	[OSD] XXX.XXX.XXX.XXX					[L I P A ?]	
		Light Source Usage Total Hours	[OSD] XXXXX					[L S H S ?]	
		Projector ID	[OSD] XX					[P J A D ?]	
		Firmware Version	[OSD] Vx.x.xx					[F W V R ?]	
		Filter Installation	[OSD] Yes/No					[F I U S + S T A L ?]	
		Filter Usage Time Info	[OSD] Usage Time / Usage Reminder Limit hr					[F I U S + I N F O ?]	
System		Current System Status	[OSD] 0x0000_0x0000_0x0000					[S Y S S ?]	
		Model Name	[OSD] FP-ZUH6000					[M D N A ?]	
		Serial Number	[OSD] [10-digit string]					[S E R I ?]	
		Standby Mode	[OSD] Standby/Communication					[S B P M ?]	
		Picture Mode	[OSD] Bright/Standard[PROVIA]/Vivid[Velvia]/Cinema[ETERNA]/Multi-Projection[sRGB]/High Speed/HDR					[D P M O ?]	
		4K Setting	[OSD] On/Off					[P A 4 K ?]	
		Light Source Mode	[OSD] Normal/Eco					[L P M O ?]	
		Light Source Usage Total Hours	[OSD] 0~99999					[L S H S ?]	
		Normal	[OSD] 0~99999					[L S N T ?]	
		Eco	[OSD] 0~99999					[L S E T ?]	
		Total Projector Hours	[OSD] 0~99999					[L P T H ?]	
		Lens Motor Lock	[OSD] Lock/Unlock					[L E L O ?]	
		Filter Installation	[OSD] Yes/No					[F I U S + S T A L ?]	
		Filter Usage Time Info	[OSD] Usage Time / Usage Reminder Limit hr					[F I U S + I N F O ?]	
System Temperature / Fan Info		System Temp.	[OSD] XX.XX C					[S S T P ?]	
		DMD Board Temp.	[OSD] XX.XX C					[H U T P ?]	
		Environment Temp.	[OSD] XX.XX C					[A T T P ?]	
		BLD 1 Temp.	[OSD] XX.XX C					[L D I G + T P 0 1 ?]	
		BLD 2 Temp.	[OSD] XX.XX C					[L D I G + T P 0 2 ?]	
		BLD 5 Temp.	[OSD] XX.XX C					[L D I G + T P 0 5 ?]	
		BLD 6 Temp.	[OSD] XX.XX C					[L D I G + T P 0 6 ?]	
		Fan 1 Info	[OSD] RPM:XXXX, Duty:XXX					[F A N G + F A 0 1 ?]	
		Fan 2 Info	[OSD] RPM:XXXX, Duty:XXX					[F A N G + F A 0 2 ?]	
		Fan 3 Info	[OSD] RPM:XXXX, Duty:XXX					[F A N G + F A 0 3 ?]	
		Fan 4 Info	[OSD] RPM:XXXX, Duty:XXX					[F A N G + F A 0 4 ?]	
		Fan 5 Info	[OSD] RPM:XXXX, Duty:XXX					[F A N G + F A 0 5 ?]	
		Fan 6 Info	[OSD] RPM:XXXX, Duty:XXX					[F A N G + F A 0 6 ?]	
		Fan 7 Info	[OSD] RPM:XXXX, Duty:XXX					[F A N G + F A 0 7 ?]	
		Fan 8 Info	[OSD] RPM:XXXX, Duty:XXX					[F A N G + F A 0 8 ?]	
Communication		Projector ID	[OSD] 00~99					[P J A D ?]	
		Network Status	[OSD] Connected/Disconnected					[L M N S ?]	
		Control Channel	[OSD] LAN/HDBaseT					[L A N I ?]	
		MAC Address	[OSD] XX:XX:XX:XX:XX:XX					[L M A C ?]	
		IPv4 Settings							N/A
		Projector IP Address	[OSD] XXX.XXX.XXX.XXX					[L I P A ?]	N/A
		Subnet Mask	[OSD] XXX.XXX.XXX.XXX					[L S U B ?]	
		Default Gateway	[OSD] XXX.XXX.XXX.XXX					[L G A T ?]	
		Primary DNS	[OSD] XXX.XXX.XXX.XXX					[D N S P ?]	
		Secondary DNS	[OSD] XXX.XXX.XXX.XXX					[D N S S ?]	
		IPv6 Settings							N/A
		Projector IP Address	[OSD] XXXX:XXXX:XXXX:XXXX:XXXX:XXXX:XXXX:XXXX					[V I P A ?]	
		Prefix	[OSD] XXX					[V P R X ?]	
		Default Gateway	[OSD] XXXX:XXXX:XXXX:XXXX:XXXX:XXXX:XXXX:XXXX					[V G A T ?]	
		DNS	[OSD] XXXX:XXXX:XXXX:XXXX:XXXX:XXXX:XXXX:XXXX					[V D N S ?]	
Signal		Current Input Signal	[OSD] HDMI 1/HDMI 2/HDBaseT					[M S R C ?]	
		Resolution	[OSD] By input source					[M S R S ?]	
		Vert Refresh	[OSD] By input source					[M S V R ?]	
		Horz Refresh	[OSD] By input source					[M S H R ?]	
		Pixel Clock	[OSD] By input source					[M S P C ?]	
		Color Space	[OSD] By input source					[M S C S ?]	
Backup Input Status		Auto Switch	[OSD] On/Off					[B K S W ?]	
		First Input Signal	[OSD] HDMI 1/HDMI 2/HDBaseT					[B K F I ?]	
		Resolution	[OSD] By input source					[B K F R ?]	
		Vert Refresh	[OSD] By input source					[B K F V ?]	
		Horz Refresh	[OSD] By input source					[B K F H ?]	
		Pixel Clock	[OSD] By input source					[B K F P ?]	
		Color Space	[OSD] By input source					[B K F C ?]	
		Second Input Signal	[OSD] HDMI 1/HDMI 2/HDBaseT					[B K S I ?]	
		Resolution	[OSD] By input source					[B K S R ?]	
		Vert Refresh	[OSD] By input source					[B K S V ?]	
		Horz Refresh	[OSD] By input source					[B K S H ?]	
		Pixel Clock	[OSD] By input source					[B K S P ?]	
		Color Space	[OSD] By input source					[B K S C ?]	
Firmware Version		Main Version	[OSD] Vx.x.xx					[F W V R ?]	

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				Write Command		Read Command	
Level 0	Level1	Level2	Level3	Level4	Send Command	Remark	
		F-MCU Version	[OSD] Exx.xx			NOT Support	[F W M F ?]
		A-MCU Version	[OSD] Axx.xx			NOT Support	[F W M A ?]
		Scaler Version	[OSD] Vxx.xx(Uxx.xx)			NOT Support	[F W I S ?]
		LAN Version	[OSD] Nxx.xx			NOT Support	[F W L A ?]
		Formatter Version	[OSD] Fxx.xx(xxxx)			NOT Support	[F W F M ?]
		HDBaseT Version	[OSD] Hxx.xx.xx.xx			NOT Support	[F W H D ?]