LifeSize® Support TechNote

LifeSize Remote Control

The LifeSize remote control provides wireless control of all system functions.

The infrared (IR) sensor for the remote control is located in front of the camera. The effective range of the remote control signal is 10 meters (33 feet).

The colored buttons on the remote correspond to functions displayed at the bottom of the LifeSize Room display. These functions change depending on how you are using the system.

LifeSize Remote Code Structure

The following table shows the structure of the LifeSize Remote code:

Data Item	Time (in seconds)
Sync. Pulse on time	2.6 ms
Sync. Pulse off time	2.6 ms
Data on time (0)	1.16 ms
Data off time (0)	1.16 ms
Data on time (1)	1.16 ms
Data off time (1)	2.89 ms
Data period (0)	2.32 ms
Data period (1)	4.05 ms
Stop bit	1.16 ms
Gap time	57.8 ms

Carrier Frequency: 455kHz

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LifeSize Remote Key Assignment

	Code Data								Hex Data	Decimal Data
	D7	D6	D5	D4	D3	D2	D1	D0		
System Code	**1**	**0**	**0**	**1**	**1**	**0**	**0**	**0**	**98**	**152**

Command Label	Key Image		Command Data						Hex Data	Decimal Data
			D5	D4	D3	D2	D1	D0		
			0	0	0	0	0	0	00	0
			0	0	0	0	0	1	01	1
			0	0	0	0	1	0	02	2
			0	0	0	0	1	1	03	3
			0	0	0	1	0	0	04	4
Up			0	0	0	1	0	1	05	5
Down			0	0	0	1	1	0	06	6
OK	OK		0	0	0	1	1	1	07	7
			0	0	1	0	0	0	08	8
Left			0	0	1	0	0	1	09	9
Right			0	0	1	0	1	0	0A	10
Asterisk	*		0	0	1	0	1	1	0B	11
Hash	#		0	0	1	1	0	0	0C	12
Zoom In			0	0	1	1	0	1	0D	13
Zoom Out			0	0	1	1	1	0	0E	14
			0	0	1	1	1	1	0F	15
Camera			0	1	0	0	0	0	10	16
			0	1	0	0	0	1	11	17

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Command Label	Key Image		Command Data						Hex Data	Decimal Data
			D5	D4	D3	D2	D1	D0		
			0	1	0	0	1	0	12	18
Red Return			0	1	0	0	1	1	13	19
			0	1	0	1	0	0	14	20
Blue Circle			0	1	0	1	0	1	15	21
			0	1	0	1	1	0	16	22
			0	1	0	1	1	1	17	23
			0	1	1	0	0	0	18	24
			0	1	1	0	0	1	19	25
Green Square			0	1	1	0	1	0	1A	26
Yellow Triangle			0	1	1	0	1	1	1B	27
			0	1	1	1	0	0	1C	28
			0	1	1	1	0	1	1D	29
Home			0	1	1	1	1	0	1E	30
Layout			0	1	1	1	1	1	1F	31
Input			1	0	0	0	0	0	20	32
Mode			1	0	0	0	0	1	21	32
			1	0	0	0	1	0	22	34
			1	0	0	0	1	1	23	35
Call			1	0	0	1	0	0	24	36
			1	0	0	1	0	1	25	37
Hang Up			1	0	0	1	1	0	26	38
			1	0	0	1	1	1	27	39

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Command Label	Key Image		Command Data						Hex Data	Decimal Data
			D5	D4	D3	D2	D1	D0		
			1	0	1	0	0	0	28	40
			1	0	1	0	0	1	29	41
			1	0	1	0	1	0	2A	42
			1	0	1	0	1	1	2B	43
			1	0	1	1	0	0	2C	44
			1	0	1	1	0	1	2D	45
			1	0	1	1	1	0	2E	46
			1	0	1	1	1	1	2F	47
0			1	1	0	0	0	0	30	48
1			1	1	0	0	0	1	31	49
2 ABC			1	1	0	0	1	0	32	50
3 DEF			1	1	0	0	1	1	33	51
4 GHI			1	1	0	1	0	0	34	52
5 JKL			1	1	0	1	0	1	35	53
6 MNO			1	1	0	1	1	0	36	54
7 PQRS			1	1	0	1	1	1	37	55
8 TUV			1	1	1	0	0	0	38	56
9 WXYZ			1	1	1	0	0	1	39	57
Mute			1	1	1	0	1	0	3A	58
Vol +			1	1	1	0	1	1	3B	59
Vol -			1	1	1	1	0	0	3C	60
			1	1	1	1	0	1	3D	61

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Command Label	Key Image		Command Data						Hex Data	Decimal Data
			D5	D4	D3	D2	D1	D0		
			1	1	1	1	1	0	3E	62
			1	1	1	1	1	1	3F	63

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LifeSize Remote Key Arrangement

The following diagram illustrates the LifeSize Remote key arrangement:

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