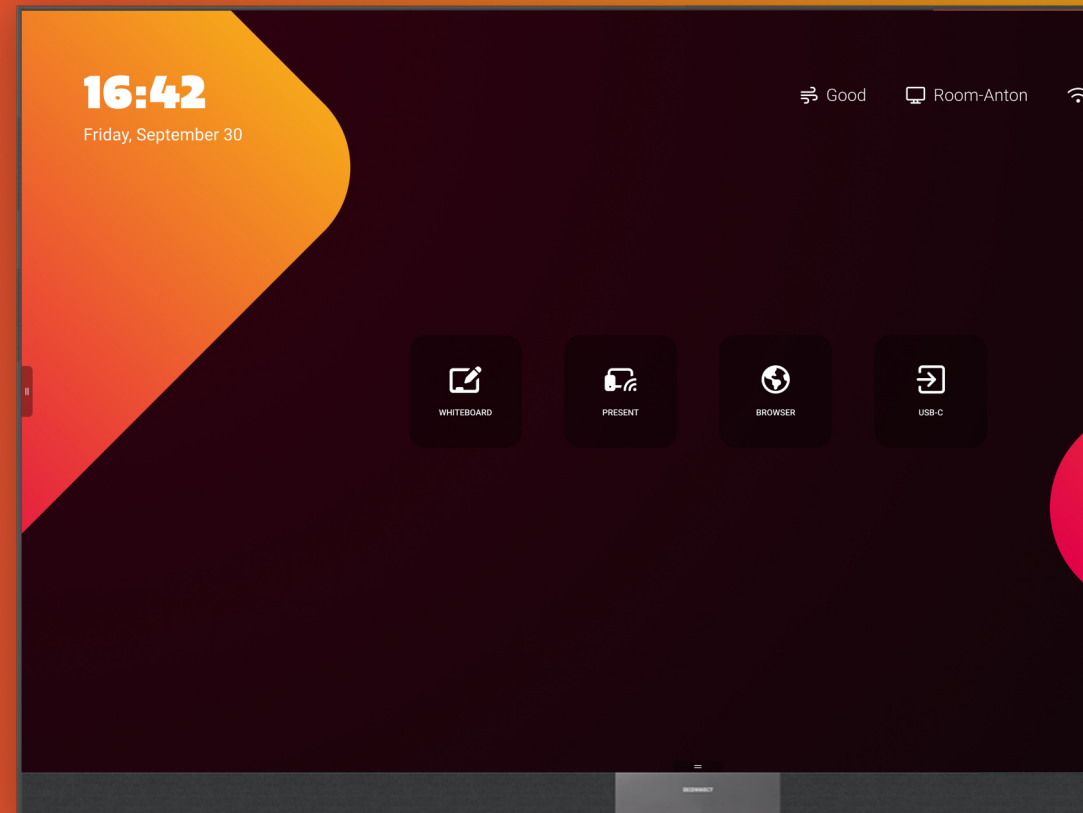


LED THERE BE INTERACTION

Capturing the attention of a large audience has never been easier. The i3CONNECT Walnut W1 display can be turned into a fully interactive experience using a companion display, bringing the engagement of touch to even the largest of meeting rooms.



Function	Description	External Device Request Code (Hexadecimal Bytes)	Android Reply Code (Hexadecimal Bytes)
Request device status	Idle (ready to receive commands)		55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 02 C0 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 5A
	Busy (temporarily unable to receive commands)	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 01 C0 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 00 00 56	55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 02 C0 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 02 00 5B
	Device Exception		55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 02 C0 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 03 00 5C
Power on/off	Sleep	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 03 C0 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 5F B8	55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 04 C0 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 5F B9
	Wake up	5 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 03 C0 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 5E B7	55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 04 C0 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 5E B8
Standby and restart	Standby (Power Off State)	55 55 55 55 55 55 55 c0 01 03 01 d0 00 d1 07 c0 00 00 ff ff ff ff ff ff ff ff ff ff ff ff ff ff 00 00 00 5c	55 55 55 55 55 55 55 c0 01 03 00 d1 01 d0 08 c0 00 00 ff ff ff ff ff ff ff ff ff ff ff ff ff ff 00 00 00 5d
	Restart	55 55 55 55 55 55 55 c0 01 03 01 d0 00 d1 09 c0 00 00 ff ff ff ff ff ff ff ff ff ff ff ff ff ff 00 00 00 5e	55 55 55 55 55 55 55 c0 01 03 00 d1 01 d0 0a c0 00 00 ff ff ff ff ff ff ff ff ff ff ff ff ff ff 00 00 00 5f
Power on	Power On	AA BB CC 01 00 00 01 DD EE FF	
Set volume level	0	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 03 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 00 5B	55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 04 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 5E
	10	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 03 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 0A 65	55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 04 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 5E
	20	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 03 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 14 6F	55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 04 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 5E
	30	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 03 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 1E 79	55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 04 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 5E
	40	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 03 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 28 83	55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 04 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 5E
	50	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 03 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 32 8D	55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 04 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 5E
	60	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 03 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 3C 97	55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 04 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 5E
	70	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 03 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 3C 97	55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 04 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 5E

Function	Description	External Device Request Code (Hexadecimal Bytes)	Android Reply Code (Hexadecimal Bytes)
Set volume level	80	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 03 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 50 AB	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 04 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 5E
	90	55 55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 03 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 5A B5	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 04 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 5E
	100	55 55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 03 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 64 BF	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 04 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 5E
Query volume level	Get Current Volume Value	55 55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 01 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 00 00 58	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 02 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 14 6E
Set brightness level	0	55 55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 1F C2 00 00 FF FF FF FF	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 20 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 7A
	10	55 55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 1F C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 0A 81	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 20 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 7A
	20	55 55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 1F C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 14 8B	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 20 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 7A
	30	55 55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 1F C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 1E 95	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 20 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 7A
	40	55 55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 1F C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 28 9F	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 20 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 7A
	50	55 55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 1F C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 32 A9	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 20 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 7A
	60	55 55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 1F C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 3C B3	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 20 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 7A
	70	55 55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 1F C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 46 BD	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 20 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 7A
	80	55 55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 1F C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 50 C7	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 20 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 7A
	90	55 55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 1F C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 5A D1	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 20 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 7A
	100	55 55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 1F C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 64 DB	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 20 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 7A
Query brightness level	Query Current Brightness Value	55 55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 1D C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 00 00 74	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 1E C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 64 DA

Function	Description	External Device Request Code (Hexadecimal Bytes)	Android Reply Code (Hexadecimal Bytes)
Set saturation level	0	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 59 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 00 B1	55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 5A C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 B4
	10	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 59 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 0A BB	55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 5A C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 B4
	20	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 59 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 14 C5	55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 5A C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 B4
	30	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 59 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 1E CF	55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 5A C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 B4
	40	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 59 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 28 D9	55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 5A C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 B4
	50	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 59 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 32 E3	55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 5A C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 B4
	60	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 59 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 3C ED	55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 5A C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 B4
	70	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 59 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 46 F7	55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 5A C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 B4
	80	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 59 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 50 01	55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 5A C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 B4
	90	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 59 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 5A 0B	55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 5A C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 B4
	100	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 59 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 64 15	55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 5A C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 B4
Query saturation level	Query Current Saturation Value (Return Saturation 100)	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 57 c2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 00 00 AE	55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 58 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 64 14
Set hue (color tone) level	0	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 5B C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 00 B3	55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 5C C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 B6
	10	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 5B C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 0A BD	55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 5C C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 B6
	20	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 5B C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 14 C7	55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 5C C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 B6
	30	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 5B C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 1E D1	55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 5C C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 B6

Software support is available after 20240830_192725.

Function	Description	External Device Request Code (Hexadecimal Bytes)	Android Reply Code (Hexadecimal Bytes)
Set hue (color tone) level	40	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 5B C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 28 DB	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 5C C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 B6
	50	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 5B C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 32 E5	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 5C C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 B6
	60	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 5B C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 3C EF	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 5C C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 B6
	70	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 5B C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 46 F9	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 5C C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 B6
	80	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 5B C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 50 03	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 5C C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 B6
	90	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 5B C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 5A 0D	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 5C C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 B6
	100	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 5B C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 64 17	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 5C C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 B6
Query hue level	Query Current Hue Value	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 5D C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 00 00 B4	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 5E C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 0A C0
Set video source	0 (ANDROID)	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 13 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 00 6B	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 14 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 6E
	1 (PC Reserved)	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 13 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 01 6C	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 14 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 6E
	2 (HDMI1)	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 13 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 02 6D	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 14 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 6E
	3 (HDMI2)	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 13 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 03 6E	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 14 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 6E
	4 (HDMI3)	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 13 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 04 6F	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 14 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 6E
	5(HDMI4)	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 13 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 06 71	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 14 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 6E
Set Contrast Level	0	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 17 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 00 6F	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 18 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 72
	25	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 17 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 19 88	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 18 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 72
	50	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 17 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 32 A1	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 18 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 72

Software support is available after 20240830_192725.

Function	Description	External Device Request Code (Hexadecimal Bytes)	Android Reply Code (Hexadecimal Bytes)
Set Contrast Level	75	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 17 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 4B BA	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 18 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 72
	100	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 17 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 64 D3	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 18 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 72
Query contrast level	Query Current Contrast	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 15 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 00 00 6C	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 16 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 32 A0
Set color temperature mode	Standard 0x01	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 1B C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 01 74	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 1C C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 76
	Warm Color 0x02	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 1B C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 02 75	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 1C C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 76
	Cool Color 0x03	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 1B C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 03 76	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 1C C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 76
	User 0x04	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 1B C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 04 77	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 1C C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 76
Get video combi info		55 55 55 55 55 55 55 C0 01 03 01 D0 00 c2 41 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 00 00 89	55 55 55 55 55 55 55 55 C0 01 03 00 C2 01 D0 42 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 07 00 64 02 03 00 64 32 00 90
Set red gain	0	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 23 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 00 7B	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 24 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 7E
	25	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 23 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 19 94	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 24 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 7E
	50	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 23 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 32 AD	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 24 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 7E
	75	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 23 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 4B C6	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 24 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 7E
	100	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 23 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 64 DF	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 24 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 7E
Query red gain value	Query Current Red Gain Value	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 21 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 00 00 78	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 22 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 46 C0
Set green gain	0	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 27 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 00 7F	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 28 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 82
	25	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 27 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 19 98	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 28 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 82

Function	Description	External Device Request Code (Hexadecimal Bytes)	Android Reply Code (Hexadecimal Bytes)
Set green gain	50	55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 27 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 32 B1	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 28 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 82
	75	55 55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 27 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 4B CA	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 28 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 82
	100	55 55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 27 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 64 E3	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 28 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 82
Query current green gain value	Query Current Red Gain Value	55 55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 25 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 00 00 7C	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 26 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 64 E2
Set blue gain	0	55 55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 2B C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 00 83	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 2C C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 86
	25	55 55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 2B C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 19 9C	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 2C C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 86
	50	55 55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 2B C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 32 B5	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 2C C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 86
	75	55 55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 2B C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 4B CE	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 2C C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 86
	100	55 55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 2B C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 64 E7	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 2C C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 02 00 01 00 86
Query current blue gain value		55 55 55 55 55 55 55 55 C0 01 03 01 D0 00 D1 29 C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 00 00 80	55 55 55 55 55 55 55 55 C0 01 03 00 D1 01 D0 2A C2 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 01 00 64 E6

OPERATION METHOD

RS232 Serial Port Control

1. Connect the LED's RS232 serial cable (with a baud rate of 115200).
2. Control the LED all-in-one machine by sending commands through the serial port.

UDP Network Control

1. Ensure that the LED all-in-one machine and the external control device are on the same local area network (with a communication port number of 8600).
2. The external device sends a broadcast "Request Device" command via UDP.

3. If there is an idle LED all-in-one machine on the local network, the external device can receive a reply code of "Idle, Ready to Receive Commands" from the LED all-in-one machine. This allows the external device to obtain the IP address of the LED all-in-one machine.
4. The external device can control the LED all-in-one machine by sending commands to its IP address.