

DW TECH BULLETIN

DOC#: DW08242011

Distribution: Internal and External

These commands are for advanced display control

An will make the Composite VGA, and HDMI ports change and display the information related to these commands

Example Mode Sending the number 9 function command will force the number 9 camera to pop up full screen

INDEX	FUNCTION	START	RS-485 extension code	FUNCTION	Extension code	END	
1	1	0xA2	0x00	0x01	0x01	0xAF	
2	2	0xA2	0x00	0x02	0x01	0xAF	
3	3	0xA2	0x00	0x03	0x01	0xAF	
4	4	0xA2	0x00	0x04	0x01	0xAF	
5	5	0xA2	0x00	0x05	0x01	0xAF	
6	6	0xA2	0x00	0x06	0x01	0xAF	
7	7	0xA2	0x00	0x07	0x01	0xAF	
8	8	0xA2	0x00	0x08	0x01	0xAF	
9	9	0xA2	0x00	0x09	0x01	0xAF	
10	10	0xA2	0x00	0x0A	0x01	0xAF	
11	11	0xA2	0x00	0x0B	0x01	0xAF	
12	12	0xA2	0x00	0x0C	0x01	0xAF	
13	13	0xA2	0x00	0x0D	0x01	0xAF	
14	14	0xA2	0x00	0x0E	0x01	0xAF	
15	15	0xA2	0x00	0x0F	0x01	0xAF	
16	16	0xA2	0x00	0x10	0x01	0xAF	

Communication Specification

- * RS232 / RS485
- * Baudrate : 2400bps ~ 57.6Kbps
- * Start bit : 1bit
- * Stop bit : 1bit
- * Parity : None

Head Office
5436 W Crenshaw Street Tampa, FL 33634
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These commands are for advanced display control and entering into setup mode

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Example Mode changes from single mode to quad mode then to 9 channel mode and 16 channel mode.

17	MENU	0xA2	0x00	0x11	0x01	0xAF	Menu Setup
18	ESC	0xA2	0x00	0x12	0x01	0xAF	Exit Menu Setup
19							
20	MODE	0xA2	0x00	0x14	0x01	0xAF	Display Mode
21	SEQ	0xA2	0x00	0x15	0x01	0xAF	Auto-Sequence on Live Display Mode
22	FRZ	0xA2	0x00	0x16	0x01	0xAF	Freeze Button to Pause Live Video
23	PIP	0xA2	0x00	0x17	0x01	0xAF	PIP Mode
24	REC	0xA2	0x00	0x18	0x01	0xAF	Start Instant Emergency Record
25	ZOOM	0xA2	0x00	0x19	0x01	0xAF	Zoom In & Out Button + and Minus

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Everything's Digital

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These commands are for advanced display control and entering into setup mode

It will make the Composite VGA and HDMI ports change and display the information related to these commands.

Example sending PTZ command to a compatible camera channel. It will then allow you to move the camera left, right, up, down, zoom in, and zoom out by sending those commands to the same channel.

26	CALL	0xA2	0x00	0x21	0x01	0xAF	Call Monitor Activation
27	BOOK	0xA2	0x00	0x22	0x01	0xAF	FUNCTION
28	SEARCH	0xA2	0x00	0x23	0x01	0xAF	FUNCTION
29	BACKUP	0xA2	0x00	0x24	0x01	0xAF	FUNCTION
30	PLAY	0xA2	0x00	0x25	0x01	0xAF	FUNCTION
31	PTZ	0xA2	FUNCTION	0x26	0x01	0xAF	FUNCTION
32	UP	0xA2	FUNCTION	0x27	0x01	0xAF	Directional Arrows Buttons (Up/Down/Right/Left)
33	DOWN	0xA2	FUNCTION	0x28	0x01	0xAF	Directional Arrows Buttons (Up/Down/Right/Left)
34	LEFT	0xA2	FUNCTION	0x29	0x01	0xAF	Directional Arrows Buttons (Up/Down/Right/Left)
35	RIGHT	0xA2	FUNCTION	0x2A	0x01	0xAF	Directional Arrows Buttons (Up/Down/Right/Left)
36	ENTER	0xA2	0x00	0x2B	0x01	0xAF	OK (Select) Button

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These commands are for advanced display control and entering into playback and more complex functions

It will make the Composite VGA and HDMI ports change and display the information related to these commands

Example After Playback is launched, the user can force a Fast Forward or Fast Rewind

37	MUTE	0xA2	0x00	0x2C	0x01	0xAF	FUNCTION
38	FIRST	0xA2	0x00	0x31	0x01	0xAF	FUNCTION
39	BACK_PLAY	0xA2	0x00	0x32	0x01	0xAF	FUNCTION
40	FPLAY	0xA2	0x00	0x33	0x01	0xAF	FUNCTION
41	LAST	0xA2	0x00	0x34	0x01	0xAF	FUNCTION
42	FAST_REW	0xA2	0x00	0x35	0x01	0xAF	FUNCTION
43	FAST_FWD	0xA2	0x00	0x36	0x01	0xAF	FUNCTION
44	PAUSE	0xA2	0x00	0x37	0x01	0xAF	FUNCTION
45	STOP	0xA2	0x00	0x38	0x01	0xAF	FUNCTION
46	CH PLUS	0xA2	0x00	0x41	0x01	0xAF	FUNCTION
47	CH MINUS	0xA2	0x00	0x42	0x01	0xAF	FUNCTION
48	PLUS	0xA2	0x00	0x43	0x01	0xAF	FUNCTION
49	MINUS	0xA2	0x00	0x44	0x01	0xAF	FUNCTION
50	SPLIT 4 CH	0xA2	0x00	0x45	0x01	0xAF	4 channel 8 channel 16 channel buttons
51	SPLIT 8 CH	0xA2	0x00	0x46	0x01	0xAF	4 channel 8 channel 16 channel buttons
52	SPLIT 16 CH	0xA2	0x00	0x47	0x01	0xAF	4 channel 8 channel 16 channel buttons

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