Cameo

ZIYA 400 COB



Manufacturer	**Cameo**
Type	**Moving head**
DMX modes	**11**
DMX footprint	**3, 4, 5, 7, 10, 13, 20 channels**
Beam angle	**7-50°**
Pan range	**540°**
Tilt range	**300°**
Size (W × H × D)	**300 × 367 × 216 mm**
GDTF fixture type	**F7FA6D73-D6DD-470A-AB23-1…**

Controls

Zoom · Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Effect speed · Strobe · Dimmer · Pixel control

Safety-relevant functions

Fixture reset · Service functions

DMX modes

3Ch Unisens	3 ch
4 Ch Preset	4 ch
4 Ch RGB	4 ch
5Ch CCT	5 ch
D5 Ch Preset	5 ch
D5 Ch RGB	5 ch
7 Ch Direct	7 ch
10 Ch RGB-CCT	10 ch
13 Ch Direct 16Bit	13 ch
13 Ch Direct CCT	13 ch
20 Ch Full	20 ch

3Ch Unisens

3 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Zoom	0	

4 Ch Preset

4 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Shutter / Strobe	0	0–5 Open (react to dimmer CH1) 6–10 Close 11–21 Ramp up/down strobe · Slow 0.5–4.59 Hz 22–22 Ramp up/down strobe · Fast2 5 Hz 23–32 Ramp up/down Random · Slow 0.5–4.55 Hz 33–33 Ramp up/down Random · Fast 5 Hz 34–44 Ramp up strobe · Slow 0.5–4.59 Hz 45–45 Ramp up strobe · Fast 5 Hz 46–55 Ramp up random · Slow 0.5–4.55 Hz 56–56 Ramp up random · Fast 5 Hz 57–67 Ramp down strobe · Slow 0.5–4.59 Hz 68–68 Ramp down strobe · Fast 5 Hz 69–78 Ramp down Random · Slow 0.5–4.55 Hz 79–79 Ramp down Random · Fast 5 Hz 80–101 Random Strobe Effect · Slow 0.5–4.8 Hz 102–102 Random Strobe Effect · Fast 5 Hz 103–126 Strobe Break Effekt · 5s Short burst with break 1.5... 127–127 Strobe Break Effekt · 1s Short burst with break 5 Hz 128–128 Strobe Linear · Slow 1Hz 1 Hz 129–249 Strobe Linear · 1-20 Hz 1.16–19.8 Hz 250–250 Strobe Linear · Fast 20Hz 20 Hz 255–255 Open
3	Color Wheel	113	0–5 Color off (wheel slot 1) 6–13 Red (wheel slot 2) 14–21 Amber (wheel slot 3) 22–29 Yellow warm (wheel slot 4) 30–37 Yellow (wheel slot 5) 38–45 Green (wheel slot 6) 46–53 Turquoise (wheel slot 7) 54–61 Cyan (wheel slot 8) 62–69 Blue (wheel slot 9) 70–77 Lavender (wheel slot 10) 78–85 Mauve (wheel slot 11) 86–93 Magenta (wheel slot 12) 94–101 Pink (wheel slot 13) 102–109 Warm white (wheel slot 14) 110–117 White (wheel slot 15) 118–125 Cold white (wheel slot 16) 126–156 Jumping fast to slow 157–157 Stop 158–188 Jumping slow to fast backward 189–219 fadeding fast to slow 220–220 Stop 221–251 fadeding slow to fast backward 252–255 No function
4	Zoom	0	

4 Ch RGB

4 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Zoom	0	

5Ch CCT

5 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	0	0–5 Off 6–6 Warm white 7–46 Warm white to 2700K 47–47 Bulb White (2700K) 48–87 2700K to 3200K 88–88 Halogen White (3200K) 89–128 3200K to 4000K 129–129 Neutral White (4000K) 130–169 4000K to 5600K 170–170 Studio White (5600K) 171–210 5600K to 6500K 211–211 Daylight White (6500K) 212–251 6500K to Cold white 252–255 Cold white
4	Tint	128	0–0 Off 1–127 Magenta -> Neutral 128–128 neutral 129–255 Neutral -> Green
5	Zoom	0	

D5 Ch Preset

5 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Shutter / Strobe	0	0–5 Open (react to dimmer CH1) 6–10 Close 11–21 Ramp up/down strobe · Slow 0.5–4.59 Hz 22–22 Ramp up/down strobe · Fast2 5 Hz 23–32 Ramp up/down Random · Slow 0.5–4.55 Hz 33–33 Ramp up/down Random · Fast 5 Hz 34–44 Ramp up strobe · Slow 0.5–4.59 Hz 45–45 Ramp up strobe · Fast 5 Hz 46–55 Ramp up random · Slow 0.5–4.55 Hz 56–56 Ramp up random · Fast 5 Hz 57–67 Ramp down strobe · Slow 0.5–4.59 Hz 68–68 Ramp down strobe · Fast 5 Hz 69–78 Ramp down Random · Slow 0.5–4.55 Hz 79–79 Ramp down Random · Fast 5 Hz 80–101 Random Strobe Effect · Slow 0.5–4.8 Hz 102–102 Random Strobe Effect · Fast 5 Hz 103–126 Strobe Break Effekt · 5s Short burst with break 1.5... 127–127 Strobe Break Effekt · 1s Short burst with break 5 Hz 128–128 Strobe Linear · Slow 1Hz 1 Hz 129–249 Strobe Linear · 1-20 Hz 1.16–19.8 Hz 250–250 Strobe Linear · Fast 20Hz 20 Hz 255–255 Open

D5 Ch Preset (continued)

Ch	Function	Default	DMX values
3	Color Wheel	113	0–5 Color off (wheel slot 1) 6–13 Red (wheel slot 2) 14–21 Amber (wheel slot 3) 22–29 Yellow warm (wheel slot 4) 30–37 Yellow (wheel slot 5) 38–45 Green (wheel slot 6) 46–53 Turquoise (wheel slot 7) 54–61 Cyan (wheel slot 8) 62–69 Blue (wheel slot 9) 70–77 Lavender (wheel slot 10) 78–85 Mauve (wheel slot 11) 86–93 Magenta (wheel slot 12) 94–101 Pink (wheel slot 13) 102–109 Warm white (wheel slot 14) 110–117 White (wheel slot 15) 118–125 Cold white (wheel slot 16) 126–156 Jumping fast to slow 157–157 Stop 158–188 Jumping slow to fast backward 189–219 fadeding fast to slow 220–220 Stop 221–251 fadeding slow to fast backward 252–255 No function
4	Zoom	0	
5	Effect Speed	0	0–5 Off (no Delay) 6–255 0;1s to 2s

D5 Ch RGB

5 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Zoom	0	
5	Effect Speed	0	0–5 Off (no Delay) 6–255 0;1s to 2s

7 Ch Direct

7 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add RY	255	
5	Color Add GY	255	
6	Color Add C	255	
7	Zoom	0	

10 Ch RGB-CCT

10 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer

10 Ch RGB-CCT (continued)

Ch	Function	Default	DMX values
3	Shutter / Strobe	0	0–5 Open (react to dimmer CH1) 6–10 Close 11–21 Ramp up/down strobe · Slow 0.5–4.59 Hz 22–22 Ramp up/down strobe · Fast2 5 Hz 23–32 Ramp up/down Random · Slow 0.5–4.55 Hz 33–33 Ramp up/down Random · Fast 5 Hz 34–44 Ramp up strobe · Slow 0.5–4.59 Hz 45–45 Ramp up strobe · Fast 5 Hz 46–55 Ramp up random · Slow 0.5–4.55 Hz 56–56 Ramp up random · Fast 5 Hz 57–67 Ramp down strobe · Slow 0.5–4.59 Hz 68–68 Ramp down strobe · Fast 5 Hz 69–78 Ramp down Random · Slow 0.5–4.55 Hz 79–79 Ramp down Random · Fast 5 Hz 80–101 Random Strobe Effect · Slow 0.5–4.8 Hz 102–102 Random Strobe Effect · Fast 5 Hz 103–126 Strobe Break Effekt · 5s Short burst with break 1.5... 127–127 Strobe Break Effekt · 1s Short burst with break 5 Hz 128–128 Strobe Linear · Slow 1Hz 1 Hz 129–249 Strobe Linear · 1-20 Hz 1.16–19.8 Hz 250–250 Strobe Linear · Fast 20Hz 20 Hz 255–255 Open
4	Red	255	
5	Green	255	
6	Blue	255	
7	C TC	0	0–5 Off 6–6 Warm white 7–46 Warm white to 2700K 47–47 Bulb White (2700K) 48–87 2700K to 3200K 88–88 Halogen White (3200K) 89–128 3200K to 4000K 129–129 Neutral White (4000K) 130–169 4000K to 5600K 170–170 Studio White (5600K) 171–210 5600K to 6500K 211–211 Daylight White (6500K) 212–251 6500K to Cold white 252–255 Cold white
8	Tint	128	0–0 Off 1–127 Magenta -> Neutral 128–128 neutral 129–255 Neutral -> Green
9	Zoom	0	

10 Ch RGB-CCT (continued)

Ch	Function	Default	DMX values
10	Control1	0	0–24 No function 25–25 Record User Color 1 (hold 3s) 26–26 Record User Color 2 (hold 3s) 27–27 Record User Color 3 (hold 3s) 28–28 Record User Color 4 (hold 3s) 29–29 Record User Color 5 (hold 3s) 30–30 Record User Color 6 (hold 3s) 31–31 Record User Color 7 (hold 3s) 32–32 Record User Color 8 (hold 3s) 33–73 No function 74–75 Response LED 76–81 Response Halogen 82–83 DTW (Redshift) On 84–85 DTW (Redshift) Off 86–93 No function 94–95 Silent movement On 96–97 Silent movement Off 98–99 Auto 100–101 Off 102–105 Constant Low 106–107 Fan Constant High 108–119 No function 120–121 PWM 1 (650 Hz) (hold 3s) 122–123 PWM 2 (1530 Hz) (hold 3s) 124–125 PWM 3(3600 Hz) (hold 3s) 126–127 PWM 4 (12000 Hz) (hold 3s) 128–129 PWM 5 (18900 Hz) (hold 3s) 130–131 PWM 6 (25000 Hz) (hold 3s) 132–133 RAW 134–135 Factory Calibration 136–137 User Calibrated 138–139 Smart Calibration 140–141 Display on 142–143 Display off 144–163 No function 164–165 Dimmer Curve Linear 166–167 Dimmer Curve Exponential 168–169 Dimmer Curve Logarithmic 170–171 Dimmer Curve S-Curve 172–235 No function 236–239 Reset All 240–243 Factory Default set (except DMX-Address;DMX-Mo… 244–245 Default A-User set 246–247 Default B-User set 248–249 Default C-User set 250–255 No function

13 Ch Direct 16Bit

13 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Red Fine	255	Fine byte of Red
3	Green	255	
4	Green Fine	255	Fine byte of Green
5	Blue	255	
6	Blue Fine	255	Fine byte of Blue
7	Color Add RY	255	
8	Color Add RY Fine	255	Fine byte of Color Add RY

13 Ch Direct 16Bit (continued)

Ch	Function	Default	DMX values
9	Color Add GY	255	
10	Color Add GY Fine	255	Fine byte of Color Add GY
11	Color Add C	255	
12	Color Add C Fine	255	Fine byte of Color Add C
13	Zoom	0	

13 Ch Direct CCT

13 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	0	0–5 Open (react to dimmer CH1) 6–10 Close 11–21 Ramp up/down strobe · Slow 0.5–4.59 Hz 22–22 Ramp up/down strobe · Fast2 5 Hz 23–32 Ramp up/down Random · Slow 0.5–4.55 Hz 33–33 Ramp up/down Random · Fast 5 Hz 34–44 Ramp up strobe · Slow 0.5–4.59 Hz 45–45 Ramp up strobe · Fast 5 Hz 46–55 Ramp up random · Slow 0.5–4.55 Hz 56–56 Ramp up random · Fast 5 Hz 57–67 Ramp down strobe · Slow 0.5–4.59 Hz 68–68 Ramp down strobe · Fast 5 Hz 69–78 Ramp down Random · Slow 0.5–4.55 Hz 79–79 Ramp down Random · Fast 5 Hz 80–101 Random Strobe Effect · Slow 0.5–4.8 Hz 102–102 Random Strobe Effect · Fast 5 Hz 103–126 Strobe Break Effekt · 5s Short burst with break 1.5… 127–127 Strobe Break Effekt · 1s Short burst with break 5 Hz 128–128 Strobe Linear · Slow 1Hz 1 Hz 129–249 Strobe Linear · 1-20 Hz 1.16–19.8 Hz 250–250 Strobe Linear · Fast 20Hz 20 Hz 255–255 Open
4	Red	255	
5	Green	255	
6	Blue	255	
7	Color Add RY	255	
8	Color Add GY	255	
9	Color Add C	255	
10	C TC	0	0–5 Off 6–6 Warm white 7–46 Warm white to 2700K 47–47 Bulb White (2700K) 48–87 2700K to 3200K 88–88 Halogen White (3200K) 89–128 3200K to 4000K 129–129 Neutral White (4000K) 130–169 4000K to 5600K 170–170 Studio White (5600K) 171–210 5600K to 6500K 211–211 Daylight White (6500K) 212–251 6500K to Cold white 252–255 Cold white

13 Ch Direct CCT (continued)

Ch	Function	Default	DMX values
11	Tint	128	0–0 Off 1–127 Magenta -> Neutral 128–128 neutral 129–255 Neutral -> Green
12	Zoom	0	
13	Control1	0	0–24 No function 25–25 Record User Color 1 (hold 3s) 26–26 Record User Color 2 (hold 3s) 27–27 Record User Color 3 (hold 3s) 28–28 Record User Color 4 (hold 3s) 29–29 Record User Color 5 (hold 3s) 30–30 Record User Color 6 (hold 3s) 31–31 Record User Color 7 (hold 3s) 32–32 Record User Color 8 (hold 3s) 33–73 No function 74–75 Response LED 76–81 Response Halogen 82–83 DTW (Redshift) On 84–85 DTW (Redshift) Off 86–93 No function 94–95 Silent movement On 96–97 Silent movement Off 98–99 Auto 100–101 Off 102–105 Constant Low 106–107 Fan Constant High 108–119 No function 120–121 PWM 1 (650 Hz) (hold 3s) 122–123 PWM 2 (1530 Hz) (hold 3s) 124–125 PWM 3(3600 Hz) (hold 3s) 126–127 PWM 4 (12000 Hz) (hold 3s) 128–129 PWM 5 (18900 Hz) (hold 3s) 130–131 PWM 6 (25000 Hz) (hold 3s) 132–133 RAW 134–135 Factory Calibration 136–137 User Calibrated 138–139 Smart Calibration 140–141 Display on 142–143 Display off 144–163 No function 164–165 Dimmer Curve Linear 166–167 Dimmer Curve Exponential 168–169 Dimmer Curve Logarithmic 170–171 Dimmer Curve S-Curve 172–235 No function 236–239 Reset All 240–243 Factory Default set (except DMX-Address;DMX-Mo... 244–245 Default A-User set 246–247 Default B-User set 248–249 Default C-User set 250–255 No function

20 Ch Full

20 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer

20 Ch Full (continued)

Ch	Function	Default	DMX values
3	Shutter / Strobe	0	0–5 Open (react to dimmer CH1) 6–10 Close 11–21 Ramp up/down strobe · Slow 0.5–4.59 Hz 22–22 Ramp up/down strobe · Fast2 5 Hz 23–32 Ramp up/down Random · Slow 0.5–4.55 Hz 33–33 Ramp up/down Random · Fast 5 Hz 34–44 Ramp up strobe · Slow 0.5–4.59 Hz 45–45 Ramp up strobe · Fast 5 Hz 46–55 Ramp up random · Slow 0.5–4.55 Hz 56–56 Ramp up random · Fast 5 Hz 57–67 Ramp down strobe · Slow 0.5–4.59 Hz 68–68 Ramp down strobe · Fast 5 Hz 69–78 Ramp down Random · Slow 0.5–4.55 Hz 79–79 Ramp down Random · Fast 5 Hz 80–101 Random Strobe Effect · Slow 0.5–4.8 Hz 102–102 Random Strobe Effect · Fast 5 Hz 103–126 Strobe Break Effekt · 5s Short burst with break 1.5... 127–127 Strobe Break Effekt · 1s Short burst with break 5 Hz 128–128 Strobe Linear · Slow 1Hz 1 Hz 129–249 Strobe Linear · 1-20 Hz 1.16–19.8 Hz 250–250 Strobe Linear · Fast 20Hz 20 Hz 255–255 Open
4	Red	255	
5	Red Fine	255	Fine byte of Red
6	Green	255	
7	Green Fine	255	Fine byte of Green
8	Blue	255	
9	Blue Fine	255	Fine byte of Blue
10	Color Add RY	255	
11	Color Add RY Fine	255	Fine byte of Color Add RY
12	Color Add GY	255	
13	Color Add GY Fine	255	Fine byte of Color Add GY
14	Color Add C	255	
15	Color Add C Fine	255	Fine byte of Color Add C
16	C TC	0	0–5 Off 6–6 Warm white 7–46 Warm white to 2700K 47–47 Bulb White (2700K) 48–87 2700K to 3200K 88–88 Halogen White (3200K) 89–128 3200K to 4000K 129–129 Neutral White (4000K) 130–169 4000K to 5600K 170–170 Studio White (5600K) 171–210 5600K to 6500K 211–211 Daylight White (6500K) 212–251 6500K to Cold white 252–255 Cold white
17	Tint	128	0–0 Off 1–127 Magenta -> Neutral 128–128 neutral 129–255 Neutral -> Green

20 Ch Full (continued)

Ch	Function	Default	DMX values
18	Color Wheel	0	0–5 Color off (wheel slot 1) 6–13 Red (wheel slot 2) 14–21 Amber (wheel slot 3) 22–29 Yellow warm (wheel slot 4) 30–37 Yellow (wheel slot 5) 38–45 Green (wheel slot 6) 46–53 Turquoise (wheel slot 7) 54–61 Cyan (wheel slot 8) 62–69 Blue (wheel slot 9) 70–77 Lavender (wheel slot 10) 78–85 Mauve (wheel slot 11) 86–93 Magenta (wheel slot 12) 94–101 Pink (wheel slot 13) 102–109 Warm white (wheel slot 14) 110–117 White (wheel slot 15) 118–125 Cold white (wheel slot 16) 126–156 Jumping fast to slow 157–157 Stop 158–188 Jumping slow to fast backward 189–219 fadeding fast to slow 220–220 Stop 221–251 fadeding slow to fast backward 252–255 No function
19	Zoom	0	

20 Ch Full (continued)

Ch	Function	Default	DMX values
20	Control1	0	0–24 No function 25–25 Record User Color 1 (hold 3s) 26–26 Record User Color 2 (hold 3s) 27–27 Record User Color 3 (hold 3s) 28–28 Record User Color 4 (hold 3s) 29–29 Record User Color 5 (hold 3s) 30–30 Record User Color 6 (hold 3s) 31–31 Record User Color 7 (hold 3s) 32–32 Record User Color 8 (hold 3s) 33–73 No function 74–75 Response LED 76–81 Response Halogen 82–83 DTW (Redshift) On 84–85 DTW (Redshift) Off 86–93 No function 94–95 Silent movement On 96–97 Silent movement Off 98–99 Auto 100–101 Off 102–105 Constant Low 106–107 Fan Constant High 108–119 No function 120–121 PWM 1 (650 Hz) (hold 3s) 122–123 PWM 2 (1530 Hz) (hold 3s) 124–125 PWM 3(3600 Hz) (hold 3s) 126–127 PWM 4 (12000 Hz) (hold 3s) 128–129 PWM 5 (18900 Hz) (hold 3s) 130–131 PWM 6 (25000 Hz) (hold 3s) 132–133 RAW 134–135 Factory Calibration 136–137 User Calibrated 138–139 Smart Calibration 140–141 Display on 142–143 Display off 144–163 No function 164–165 Dimmer Curve Linear 166–167 Dimmer Curve Exponential 168–169 Dimmer Curve Logarithmic 170–171 Dimmer Curve S-Curve 172–235 No function 236–239 Reset All 240–243 Factory Default set (except DMX-Address;DMX-Mo… 244–245 Default A-User set 246–247 Default B-User set 248–249 Default C-User set 250–255 No function