

FLCOS Product Line Up / Specification

FLCOS Active Area Diagonal Size	0.195"	0.24"	0.24"	0.38"	0.40"	0.50"
Display Resolution	720x540 (Upscale-VGA)	960x540 (qHD)	1280x720 (720p)	1280x720	1280x960	1600x1200
Active Area Size (mm)	3.96x2.97	5.28x2.97	5.28x2.97	8.45x4.75	8.13x6.09	10.08x7.56
Aspect Ratio	4:3	16:9	16:9	16:9	4:3	4:3
Color Field Rate	360Hz (Typ.)	360Hz (Typ.)	540Hz (Max)		540Hz (Max)	540Hz (Max)
Input Signal Level	CMOS 1.8 ~ 3.3V	CMOS 1.8 ~ 3.3V	CMOS 1.8V	CMOS 1.8 ~ 3.3V	CMOS 1.8V	CMOS 1.8V
Power Supply	1.8V, 3.3V, IO Power	1.8V, 3.3V, IO Power	1.8V, 3.3V, 5.0V, IO Power	47~63HZ	47~120Hz	47~120Hz
Digital Video I/F	16bit Parallel YCrCb(4:2:2)	16bit Parallel YCrCb(4:2:2)		640*360-1,368*768	VGA-QuadVGA	XGA-UXGA
Power Supply		1.8V, 3.3V, IO Voltage		1.8V, 3.3V, IO Voltage	1.8V, 3.3V, IO Voltage	1.8V, 3.3V, IO Voltage
New Technology		—		—	3X mode*0	Monochrome Mode*1
Power Consumption		180mW		260mW	360mW	TBD
Model(EVF)		FL1408(200cd/m2)		FL1304(200cd/m2) FE01M-1(800cd/m2)	FL1401(200cd/m2) FL1411(300cd/m2)	ES Sample: 2017.Jul/MP: 2018.2Q
Size : Dome Type		W:16.3 L:12.5 H:7.0		W:20.0 L:15.0 H:8.0	W:17.6 L:14.9 H:8.0	—
Size : Flat Square Type		—		—	TBD	W:24.3 L:21.76 H:7.545
Model (Projection/Wearable)		FL1313/FL1314		FL1309	Sample:2016.Aug/ MP:2017.1Q	—
Model (MIPI I/F Projection)		—		—	—	—
Model (MIPI I/F EVF)		—		—	—	—
Status		Mass production stage	Mass production stage	Mass production stage	Mass production stage	Demonstration