

Avisonic's family of fisheye lens compensation IC

Product					
Resolution	VGA, D1 (NTSC/PAL)	Up to 3.68M pixel	Up to 2M pixel	Up to 1.3Mpixel (720p)	Up to 1.3Mpixel (720p)
Max. lens distortion	25%	190° lens	190° lens	190° lens	190° lens
Input I/F	BT.656, YCbCr422	BT.656, YCbCr422	BT.656, YCbCr422	BT.656, YCbCr422	BT.656, YCbCr422
Number of output port	1	4	1	1	1
Digital Output	BT.656, YCbCr422	BT.656, YCbCr422	BT.656, YCbCr422	BT.656, YCbCr422	BT.656, YCbCr422
Analog Output	CVBS	CVBS	CVBS	CVBS	CVBS
ePTZ	Central zoom	Pan, tilt, zoom	Pan, tilt, zoom	Pan, tilt, zoom	Pan, tilt, zoom
Frame rate	VGA@30fps	1.3Mpixel@30fps 2.0Mpixel@25fps	1.3Mpixel@30fps 2.0Mpixel@25fps	720p 30fps	720p 30fps
OSD	<ul style="list-style-type: none"> • Characters • Line drawing 	<ul style="list-style-type: none"> • Characters • Line drawing 	<ul style="list-style-type: none"> • Characters • Line drawing 	<ul style="list-style-type: none"> • Pixel-base overlay • Characters • Line drawing 	<ul style="list-style-type: none"> • Pixel-base overlay • Characters • Line drawing
DRAM	Built-in 2MB SDRAM	External 16MB DDR1	Built-in 16MB DDR1	Built-in 8MB SDRAM	Built-in 8MB SDRAM
Package	64-LQFP 7mm*7mm	207-BGA 13*13mm ²	103-BGA 10*10mm ²	68-QFN 8*8mm²	72-BGA 3.6x7mm²
Status	Mass-production	Mass-production	Mass-production	Mass-production	Mass-production