

100°/130° Ultra Wide Angle Systems

FULL RESOLUTION AT THE EDGE, NO RECTIFYING NEEDED!

We have answered the demand for distortion free ultra wide angle systems!



Virtually distortion free features:

- Suitable for security and Machine vision applications
- High image quality (reduced blooming, no smear)
- Plastic camera holder with numerous configuration options
- Watertight, durable metal housing
- Built-in heating system
- 100°/resp. 130° (horizontal) wide angle lens with very large field of view



Technical Data

CAMERA DATAS	
Image sensor	1/4 inch, CMOS
CMOS image resolution	640 x 480 Pixel
TV-system	NTSC
Frames	525 lines, 60 images/sec
Exposure time	1/30...1/62500 sec
Min. illuminance	2 Lux
Resolution	> 300 TV lines
Mirror function	switchable (horizontal)

OPTICAL SPECIFICATIONS		
	100 lens	130 lens
Lens angle (horizontal)	100°	130°
Lens angle (vertical)	84°	117°
Diagonale angle	112°	140°
Distortion	< 3 %	< 15 %
Focal length	1.55 mm	1.00 mm

ELECTRICAL DATAS	
Operating voltage	12/24 V systems
Operating power consumption	Heating off: < 1W Heating on: < 3W
Heating	Heating intervenes automatically at temperatures less than 10°C

IB/E OPTICS

ING.-BÜRO KLAUS ECKERL
INDUSTRIESTR. 6
94116 HUTTHURM
TEL.: +49(0)8505/3222
FAX: +49(0)8505/3400
ibe@ibe-optics.com
www.ibe-optics.com