













DIN EN 50132-7

As specified in the DIN EN 50132-7 standard, there are six different levels of quality for video surveillance. “Inspect” is the level with the highest demands on image quality, whereas “Monitor” is the one with the lowest. These can be used to determine the maximum distance between camera and surveillance area, the required minimum resolution, and the most suitable camera lens for optimal coverage of the surveillance area.

						
	B016 Fisheye	B036 Ultra Wide	B041 Super Wide	B061 Wide	B079 Standard	B119 Tele
Image angle (horizontal)						
Focal length	1.6 mm	3.6 mm	4.1 mm	6.1 mm	7.9 mm	11.9 mm
Aperture f/	2.0	1.8	1.8	1.8	1.8	1.8
Image angle (horiz. x vertical)	180° x 180°	103° x 77°	90° x 67°	60° x 45°	45° x 34°	31° x 23°
Image width/height (dist. 1 m)		2.5 / 1.6 m	2.0 / 1.3 m	1.2 / 0.8 m	0.8 / 0.6 m	0.6 / 0.4 m
Image width/height (dist. 10 m)		25.1 / 15.9 m	20.0 / 13.2 m	11.5 / 8.3 m	8.3 / 6.1 m	5.5 / 4.1 m
Image width/height (dist. 50 m)		125.7 / 79.5 m	100.0 / 66.2 m	57.7 / 41.4 m	41.4 / 30.6 m	27.7 / 20.3 m

		
B237 Distant Tele	B500 Super Tele	B045-100-CS CS Vario
		
23.7 mm	50 mm	4.5 - 10 mm
1.8	2.5	1.6 - 2.3
15° x 11°	8° x 6°	39°-89° x 29°-65°
0.3 / 0.2 m	0.1 / 0.1 m	
2.6 / 1.9 m	1.4 / 1.0 m	
13.2 / 9.6 m	7.0 / 5.2 m	

Lens Range For MOBOTIX MOVE Cameras			
			
Hemispheric Fisheye	Bullets Wide to Tele	Domes Wide to Tele	
			
1,65 mm	3 - 9 mm 9 - 22 mm	4.3 - 129 mm	4.3 - 170 mm
2,8	1,7 1,6	1.6	1.6
180° x 180°	35°-103° x 23°-53° 15° - 35° x 9° - 20°	2°-62° x 2°-47°	2°-62° x 1°-49°

Maximum Distances In Meters @ 6MP (3072 x 2048 Pixel)									
Monitor	13.7 m	103.0 m	123.8 m	197.8 m	267.9 m	402.7 m	850.8 m	1,563.1 m	
Detect	6.9 m	51.5 m	61.9 m	98.9 m	134.0 m	201.3 m	425.4 m	781.6 m	
Observe	2.7 m	20.6 m	24.8 m	39.5 m	53.6 m	80.5 m	170.2 m	312.6 m	
Recognize	1.4 m	10.3 m	12.4 m	19.8 m	26.8 m	40.3 m	85.1 m	156.3 m	
Identify	0.7 m	5,6 m	6.2 m	9.9 m	13.4 m	20.1 m	42.5 m	78.2 m	
Inspect	0.2 m	1.3 m	1.6 m	2.5 m	3.4 m	5.0 m	10.6 m	19.5 m	

