


Field of View Options

Use the charts below to determine the appropriate Field of View (FOV) for your INTEGRA* 9500/9505. Options include:

- INTEGRA* 9500 All-In-One with 1.3 Megapixel Camera
- INTEGRA* 9500 All-In-One with 2.1 Megapixel Camera
- INTEGRA* 9505 Flat Bed Verifier with 1.3 Megapixel Camera
- INTEGRA* 9505 Flat Bed Verifier with 2.1 Megapixel Camera

 **Note:** All measurements below are expressed in inches or mils (1 mil = .001 inches). All measurements are approximate.

INTEGRA* 9500 with 1.3 Megapixel Camera


LENS	HORIZONTAL FOV (INCHES)	VERTICAL FOV (INCHES)	MINIMUM X-DIMENSION LINEAR (1D) CODES (MILS)	MINIMUM X-DIMENSION MATRIX (2D) CODES (MILS)
25 MM	2.65	2.12	5.2	7.2
16 MM	3.9	3.12	7.6	10.7
12.5 MM	4.9	3.92	9.6	13.4

INTEGRA* 9500 with 2.1 Megapixel Camera

LENS	HORIZONTAL FOV (INCHES)	VERTICAL FOV (INCHES)	MINIMUM X-DIMENSION LINEAR (1D) CODES (MILS)	MINIMUM X-DIMENSION MATRIX (2D) CODES (MILS)
25 MM	2.65	1.99	4.1	5.8
16 MM	3.9	2.93	6.1	8.5
12.5 MM	4.9	3.69	7.7	10.7

INTEGRA* 9505 with 1.3 Megapixel Camera

Important Note: The camera inside the INTEGRA* 9505 is positioned on an adjustable base that allows the camera to move closer to or further away from the mirror. The tables below provide dimensions in quarter inch increments.

 **Note:** All measurements below are expressed in inches (1 mil = .001 inches). All measurements are approximate.

LENS	MINIMUM HORIZONTAL FOV (INCHES)	MINIMUM VERTICAL FOV (INCHES)	MINIMUM X-DIMENSION LINEAR (1D) CODES (MILS)	MINIMUM CELL SIZE MATRIX (2D) CODES (MILS)
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AUX 25 MM	2.75	2.07	5.4	7.5
	3.00	2.26	5.9	8.2
	3.25	2.45	6.3	8.9
	3.50	2.63	6.8	9.6

AUX 16 MM	4.50	3.39	8.8	12.3
	4.75	3.57	9.3	13.0
	5.00	3.28	9.8	13.7
	5.25	3.44	10.3	14.4

AUX 12.5 MM	5.25	3.44	10.3	14.4
	5.50	3.61	10.7	15.0
	5.75	3.77	11.2	15.7
	6.00	3.93	11.7	16.4
	6.25	4.10	12.2	17.1

INTEGRA* 9505 with 2.1 Megapixel Camera

Important Note: The camera inside the INTEGRA* 9505 is positioned on an adjustable base that allows the camera to move closer to or further away from the mirror. The tables below provide dimensions in quarter inch increments.

 **Note:** All measurements below are expressed in inches (1 mil = .001 inches). All measurements are approximate.

LENS	MINIMUM HORIZONTAL FOV (INCHES)	MINIMUM VERTICAL FOV (INCHES)	MINIMUM X-DIMENSION LINEAR (1D) CODES (MILS)	MINIMUM CELL SIZE MATRIX (2D) CODES (MILS)
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AUX 25 MM	2.75	2.07	4.3	6.0
	3.00	2.26	4.7	6.6
	3.25	2.45	5.1	7.1
	3.50	2.63	5.5	7.7

AUX 16 MM	4.50	3.39	7.0	9.8
	4.75	3.57	7.4	10.4
	5.00	3.37	7.8	10.9
	5.25	3.54	8.2	11.5

AUX 12.5 MM	5.25	3.54	8.2	11.5
	5.50	3.71	8.6	12.0
	5.75	3.88	9.0	12.6
	6.00	4.05	9.4	13.1
	6.25	4.22	9.8	13.7