



The World's Sixth Sense™

FLIR Thermal Security Camera Johnson Criteria Ranges



FC-ID and FC-O:

					Human			Vehicle		
	Model	Lens EFL [mm]	Pixel Pitch [um]	Horiz Res	Detection [m]	Recognition [m]	Identification [m]	Detection [m]	Recognition [m]	Identification [m]
FC-ID FC-O	FC-369	9	34	320	133	33	17	407	102	51
	FC-344	13	34	320	208	52	26	639	160	80
	FC-332	19	34	320	286	72	36	879	220	110
	FC-324	13	17	320	382	95	48	1171	293	146
	FC-317	19	17	320	539	135	67	1654	413	207
	FC-313	25	17	320	705	176	88	2163	541	270
	FC-309	35	17	320	996	249	125	3056	764	382
	FC-305	60	17	320	1698	424	212	5206	1302	651
	FC-304	75	17	320	2132	533	266	6538	1634	817
	FC-690	7.5	17	640	204	51	25	625	156	78
	FC-669	9	17	640	266	66	33	815	203	102
	FC-644	13	17	640	417	104	52	1278	319	160
	FC-632	19	17	640	573	143	72	1757	439	220
	FC-625	25	17	640	734	183	92	2249	561	282
	FC-617	35	17	640	1079	270	135	3307	827	413
	FC-610	60	17	640	1833	458	229	5623	1406	703
	FC-608	75	17	640	2236	559	279	6857	1714	857

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PT-HD:

					Human			Vehicle		
	Model	Lens EFL [mm]	Pixel Pitch[um]	Horiz Res	Detection [m]	Recognition [m]	Identification [m]	Detection [m]	Recognition [m]	Identification [m]
PT-HD	PT-644	13	17	640	417	104	52	1278	319	160
	PT-625	25	17	640	733	183	92	2249	562	281
	PT-617	35	17	640	1079	270	135	3307	827	413
	PT-612	50	17	640	1528	382	191	4686	1171	586
	PT-608	75	17	640	2132	533	266	6538	1634	817
	PT-606Z	105	17	640	3056	764	382	9371	2343	1171
	PT-602CZ	275	15	640	12941	4007	3289	19904	8419	7238

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F-ID:

					Human			Vehicle		
	Model	Lens EFL [mm]	Pixel Pitch[um]	Horiz Res	Detection [m]	Recognition [m]	Identification [m]	Detection [m]	Recognition [m]	Identification [m]
F-ID	F-644 ID	13	17	640	417	104	52	1278	319	160
	F-625 ID	25	17	640	733	183	92	2249	562	281
	F-617 ID	35	17	640	1079	270	135	3307	827	413
	F-612 ID	50	17	640	1528	382	191	4686	1171	586
	F-608 ID	75	17	640	2132	533	266	6538	1634	817

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FB-ID and FB-O:

					Human			Vehicle		
	Model	Lens EFL [mm]	Pixel Pitch[um]	Horiz Res	Detection [m]	Recognition [m]	Identification [m]	Detection [m]	Recognition [m]	Identification [m]
FB-ID FB-O	FB-393	3.7	17	320	99	25	12	302	76	38
	FB-349	6.8	17	320	187	47	23	574	143	72
	FB-324	12.8	17	320	382	95	48	1171	293	146
	FB-312	18	12	320	764	191	95	2343	586	293
	FB-309	24	12	320	1019	255	127	3124	781	390
	FB-695	4.9	12	640	193	48	24	592	148	74
	FB-650	8.7	12	640	367	92	46	1125	281	141
	FB-632	14	12	640	573	143	72	1757	439	220
	FB-618	24	12	640	1019	255	127	3124	781	390

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DM-Series:

					Human			Vehicle		
	Model	Lens EFL [mm]	Pixel Pitch[um]	Horiz Res	Detection[m]	Recognition [m]	Identification [m]	Detection[m]	Recognition [m]	Identification [m]
DM-Series	DM-392	2.3	12	320	100	25	12	306	76	38
	DM-350	4.3	12	320	183	46	23	562	141	70
	DM-324	9.1	12	320	382	95	48	1171	293	146
	DM-312	18	12	320	764	191	95	2343	586	293
	DM-695	4.9	12	640	193	48	24	592	148	74
	DM-650	8.7	12	640	367	92	46	1125	281	141
	DM-624	18	12	640	764	191	95	2343	586	293
	DM-612	36	12	640	1528	382	191	4686	1171	586



DX-Series:

					Human			Vehicle		
	Model	Lens EFL [mm]	Pixel Pitch[um]	Horiz Res	Detection [m]	Recognition [m]	Identification [m]	Detection [m]	Recognition [m]	Identification [m]
DX-Series	DX-350	4.3	12	320	183	46	23	562	141	70
	DX-324	9.1	12	320	382	95	48	1171	293	146
	DX-312	18	12	320	764	191	95	2343	586	293
	DX-306	36	12	320	1528	382	191	4686	1171	586
	DX-650	8.7	12	640	367	92	46	1125	281	141
	DX-624	18	12	640	764	191	95	2343	586	293
	DX-612	36	12	640	1528	382	191	4686	1171	586
	DX-608	55	12	640	2292	573	286	7028	1757	879