

Overview Infrared Thermopile Array Sensors



HTPA Assortment

Uncalibrated Sensor	Calibrated Sensor	Module (UDP)	AppSet	FOV [°]	default FPS [Hz]	typical Hi, NETD[mK] @1Hz@25°C	typical UHi, NETD[mK] @1Hz@25°C*
HTPA8x8d							
HTPA8x8dR2L0.8/0.8F5.0HiS[Si]	HTPA8x8dR2L0.8/0.8F5.0HiC[Si]	HTPA8x8dR2L0.8/0.8F5.0HiM(UDP)[Si]	HTPA8x8dR2L0.8/0.8F5.0HiA[Si]	47 x 47	37	124	---
HTPA8x8dR2L2.1/0.8F5.0HiS[Si]	HTPA8x8dR2L2.1/0.8F5.0HiC[Si]	HTPA8x8dR2L2.1/0.8F5.0HiM(UDP)[Si]	HTPA8x8dR2L2.1/0.8F5.0HiA[Si]	23 x 23	37	127	---
HTPA16x4d							
---	HTPA16x4R1L2.1EA	HTPA16x4R1L2.1EA-M(UDP)	HTPA16x4R1L2.1EA-A	110 x 25	16	75	---
---	HTPA16x4R1L3.6EA	HTPA16x4R1L3.6EA-M(UDP)	HTPA16x4R1L3.6EA-A	60 x 15	16	125	---
---	HTPA16x4R1L5.5EA	HTPA16x4R1L5.5EA-M(UDP)	HTPA16x4R1L5.5EA-A	35 x 9	16	175	---
HTPA16x16d							
HTPA16x16dR1L1.6/0.8F5.0HiS[Si]	HTPA16x16dR1L1.6/0.8F5.0HiC[Si]	HTPA16x16dR1L1.6/0.8F5.0HiM(UDP)[Si]	HTPA16x16dR1L1.6/0.8F5.0HiA[Si]	54 x 54	17,5	160*	---
HTPA16x16dR1L2.1/0.8F5.0HiS[Si]	HTPA16x16dR1L2.1/0.8F5.0HiC[Si]	HTPA16x16dR1L2.1/0.8F5.0HiM(UDP)[Si]	HTPA16x16dR1L2.1/0.8F5.0HiA[Si]	45 x 45	17,5	160	---
HTPA32x32d							
Single Optics							
HTPA32x32dR2L1.6/0.8F5.0HiS[Si]	HTPA32x32dR2L1.6/0.8F5.0HiC[Si]	HTPA32x32dR2L1.6/0.8F5.0HiM(UDP)[Si]	HTPA32x32dR2L1.6/0.8F5.0HiA[Si]	105 x 105	8,3	340*	---
HTPA32x32dR2L2.1/0.8F5.0HiS[Si]	HTPA32x32dR2L2.1/0.8F5.0HiC[Si]	HTPA32x32dR2L2.1/0.8F5.0HiM(UDP)[Si]	HTPA32x32dR2L2.1/0.8F5.0HiA[Si]	90 x 90	8,3	329	---
HTPA32x32dR2L5.0/0.85F7.7eHiS	HTPA32x32dR2L5.0/0.85F7.7eHiC	HTPA32x32dR2L5.0/0.85F7.7eHiM(UDP)	HTPA32x32dR2L5.0/0.85F7.7eHiA	33 x 33	8,3	254	---
Dual Optics							
HTPA32x32dR2L1.8/0.7HiS	HTPA32x32dR2L1.8/0.7HiC	HTPA32x32dR2L1.8/0.7HiM(UDP)	HTPA32x32dR2L1.8/0.7HiA	93 x 93	8,3	160	---
HTPA32x32dR2L4.0/0.7F7.7HiS	HTPA32x32dR2L4.0/0.7F7.7HiC	HTPA32x32dR2L4.0/0.7F7.7HiM(UDP)	HTPA32x32dR2L4.0/0.7F7.7HiA	40 x 40	8,3	140	---
HTPA80x64d							
HTPA80x64dR2L3.9/0.8HiS	HTPA80x64dR2L3.9/0.8HiC	HTPA80x64dR2L3.9/0.8HiM(UDP)	HTPA80x64dR2L3.9/0.8HiA	120 x 90	9	260	87
HTPA80x64dR2L4.8/0.8HiS	HTPA80x64dR2L4.8/0.8HiC	HTPA80x64dR2L4.8/0.8HiM(UDP)	HTPA80x64dR2L4.8/0.8HiA	90 x 70	9	390	80
HTPA80x64dR2L10/0.7F7.7HiS	HTPA80x64dR2L10/0.7F7.7HiC	HTPA80x64dR2L10/0.7F7.7HiM(UDP)	HTPA80x64dR2L10/0.7F7.7HiA	41 x 33	9	233	70
HTPA80x64dR2L10/0.85F7.7HiS[Ge/Si]	HTPA80x64dR2L10/0.85F7.7HiC[Ge/Si]	HTPA80x64dR2L10/0.85F7.7HiM(UDP)[Ge/Si]	HTPA80x64dR2L10/0.85F7.7HiA[Ge/Si]	38 x 32	9	360*	120*
HTPA80x64dR2L10.5/0.95F7.7HiS	HTPA80x64dR2L10.5/0.95F7.7HiC	HTPA80x64dR2L10.5/0.95F7.7HiM(UDP)	HTPA80x64dR2L10.5/0.95F7.7HiA	39 x 31	9	333	115*
HTPA80x64dR2L21.5/0.9HiS[Ge/Si]	HTPA80x64dR2L21.5/0.9HiC[Ge/Si]	HTPA80x64dR2L21.5/0.9HiM(UDP)[Ge/Si]	HTPA80x64dR2L21.5/0.9HiA[Ge/Si]	19 x 15	9	400*	135*
HTPA80x64dR2L33/1.05HiS**	HTPA80x64dR2L33/1.05HiC**	HTPA80x64dR2L33/1.05HiM(UDP)**	HTPA80x64dR2L33/1.05HiA**	13 x 9	9	450*	150*

Standard parts with shorter delivery time

Available parts in sample quantities
 --- Parts not in assortment / not available
 * estimated NETD
 ** on request

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