	Method	XS-VID					VisDrone2019VID						Param(M)	Time(ms)
		AP	**AP**$_{es}$	**AP**$_{rs}$	**AP**$_{gs}$	**AP**$_{m}$	**AP**	**AP**$_{es}$	**AP**$_{rs}$	**AP**$_{gs}$	**AP**$_{m}$	**AP**$_{l}$		
VOD	DFF	9.6	0	0.5	4.5	24.4	10.3	0	0.1	3.4	13.6	21.8	120.02	25.5
	FGFA	12.3	0.2	1.1	6.4	30.4	13.6	0	0.9	6.3	17.8	28.5	122.4	181.8
	SELSA	13.6	0	1.7	8.3	33.2	11.8	0	0.5	2.7	14.3	30.2	128.41	110.0
	TROI	12.8	0	1.3	7.6	32.3	12	0	0.1	4.8	16.6	24.7	136.02	285.7
	MEGA	7.8	1.1	2	6.1	25	-	-	-	-	-	-	-	-
	DiffusionVID	10.6	2.7	5.6	9.4	35.4	-	-	-	-	-	-	-	-
	TransVOD	21.8	8.8	13.6	20.5	48.5	9.7	1	3.2	4.9	11.5	23.8	-	136.0
GOD	FCOS	24.9	7.7	17.3	22.6	61	12.4	1.3	3.1	4.8	13.8	30.6	32.1	31.8
	ATSS	26.9	8.4	19.2	23.9	68.8	13.7	1.5	4.6	7.2	16.2	29.9	32.1	34.9
	DyHead	23.7	7	15.9	20.5	47.2	9.3	1.4	3.5	5	10.7	20.7	38.906	98.0
	RepPoints	23.7	9.1	18.6	23.9	47.8	13.6	0.7	3.9	5.4	16.3	29	36.8	37.8
	Deformable-DETR	21.3	11.3	13.7	18.7	37.5	9.8	2.5	3.7	5.1	11.9	19.5	40.1	52.3
	Sparse RCNN	21	9	13.9	17.5	28	8.1	1	2.9	4.5	9.5	16	106.0	41.8
	Cascade RPN	27	13.5	19.4	22.1	57.8	12.5	0.9	3.9	6.2	15.1	25.3	41.38	45.3
SOD	CESCE	22.6	10.3	16.2	21.3	48.4	2.5	1.7	3.5	4.4	13	23.8	43.05	31.0
	CFINet	29.5	16.6	21.8	25.1	52.8	12.2	1	3.3	6.3	15.1	25.8	43.9	47.1
YOLO	YOLOX-S	29.1	15	20	25.6	67	7.8	1.6	3.5	5.6	10.4	12.8	8.9	24.0
	YOLOX-L	31	17.4	21.7	25.6	63.8	-	-	-	-	-	-	54.1	37.4
	YOLOV8-S	30	17.8	24.1	27	70.4	13.2	3.9	5	10.1	16.1	22.9	11.17	14.0
	YOLOV8-L	33.6	21.3	27.4	32.7	67.4	16	3.6	5.1	9.9	19.7	27.3	43.69	26.0
	YOLOV9-C	31.6	18.4	24.6	31.2	71	15.5	1.8	5.8	9.8	19.1	33.4	25.54	22.0
Ours	YOLOFT-S	33.2	**21.5**	**27.9**	**33.2**	67.3	14.8	**4.4**	**6.1**	**10.8**	16.4	**26.2**	**12.84**	**16.0**
	YOLOFT-L	**36.2**	**25.4**	**28.1**	**33.3**	**72.3**	15.8	**4.9**	**6.5**	**11.8**	19.4	25.8	45.16	36.0