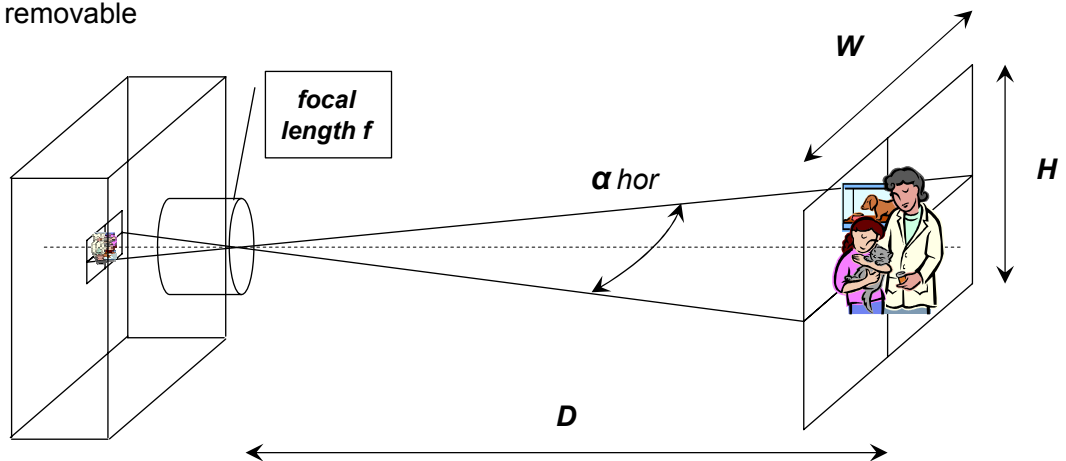


Viewing angles for **unibrain** Fire-i Board camera

Lens is M12x0,5 removable



Lens focal length	Horizontal viewing angle	Vertical viewing angle	Diagonal viewing angle	Size of the reality for $D = 0,5$ m (see note)		Size of the reality for $D = 5$ m	
				W	H	W	H
f	α_{hor}	α_{vert}	α_{diag}	W	H	W	H
(mm)	(°)	(°)	(°)	(m)	(m)	(m)	(m)
2,10	80,95	65,24	93,70	0,853	0,640	8,53	6,40
2,50	71,27	56,52	83,72	0,717	0,538	7,17	5,38
3,00	61,70	48,26	73,49	0,597	0,448	5,97	4,48
3,60	52,93	40,94	63,78	0,498	0,373	4,98	3,73
4,00	48,26	37,14	58,50	0,448	0,336	4,48	3,36
4,30	45,25	34,71	55,03	0,417	0,313	4,17	3,13
6,00	33,26	25,25	40,94	0,299	0,224	2,99	2,24
8,00	25,25	19,07	31,28	0,224	0,168	2,24	1,68
12,00	16,99	12,78	21,15	0,149	0,112	1,49	1,12
16,00	12,78	9,60	15,94	0,112	0,084	1,12	0,84

Note : each lens has a minimum object distance, that may be longer than 0,5 m