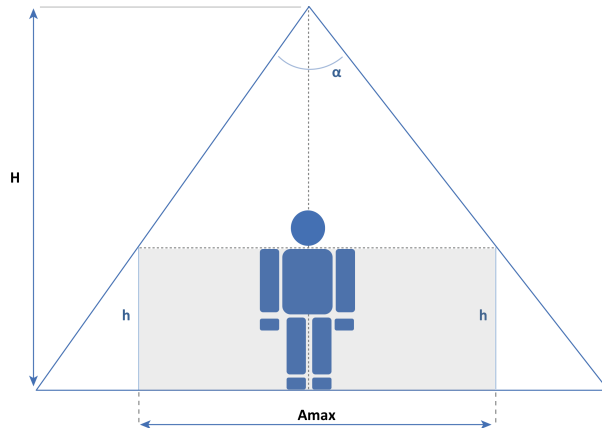


CAMERA SELECTION TABLE BASED ON THE PASSAGE WIDTH AND THE AVAILABLE HEIGHT

PASSAGE ZONE

FRONTAL VIEW



α: Camera opening angle
H: Camera Height
Amax: Maximum width of the passage
h: Height of a person shoulders (1.40)

CONSIDERATIONS

TO KEEP IN MIND

1. The passing line is a virtual line set to count people crossing in either direction.
2. The camera must be placed in an overhead position; this is facing perpendicularly the ground over the pass line.
3. The camera shall be oriented so that the virtual pass line is displayed as a horizontal line on the image.

COMPATIBLE CAMERAS

BASIC DATA

Model	Digital input	Type	Power supply	Optics	Processor	Maximum Hight of installation (H)
M3004-V	No	Mini dome	PoE	Fixed	Ambarella A5S	6.18 m
M3005-V	No	Mini dome	PoE	Fixed	Ambarella A5S	4.52 m
M3006-V	No	Mini dome	PoE	Fixed	ARTPEC 4	4.23 m
M3044-V	No	Mini dome	PoE	Fixed	ARTPEC 4	6.18 m
M3045-V	No	Mini dome	PoE	Fixed	ARTPEC 4	4.52 m
M3046-V	No	Mini dome	PoE	Fixed	ARTPEC 4	4.52 m

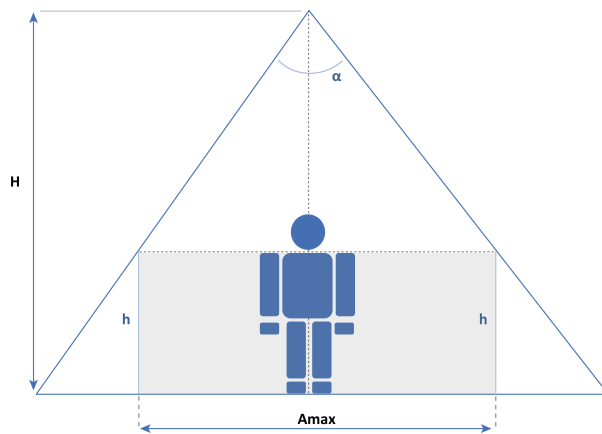
Model	Digital input	Type	Power supply	Optics	Processor	Maximum Hight of installation (H)
M1004-W/ M1034-W	Yes	Box	Cable	Fixed	Ambarella A5S	6.18 m
M1054	Yes	Box	PoE	Fixed	ARTPEC 3	6.18 m
M3025-VE	Yes	Mini dome	PoE	Fixed	Ambarella A5S	5.63 m
M3026-VE	Yes	Mini dome	PoE	Fixed	ARTPEC 4	5.08 m
P1204/ P1214	Yes	Hidden	PoE	Fixed	ARTPEC 3	7.89 m
P1224	Yes	Hidden	PoE	Fixed	ARTPEC3	4.03 m

NOTE: Other cameras might work but to approve them we should test them thoroughly.
If you are interested in a non-listed model, please contact us at info@visual-tools.com

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MAXIMUM PASSAGE WIDTH (A max)

ACCORDING TO THE MODEL OF CAMERA AND THE HEIGHT FROM THE GROUND (H)

	HEIGHT OF THE CAMERA FROM THE GROUND (METRES)																
	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00	5.50	6.00	6.50	7.00	7.50	8.00
M3004-V/ M1004-W/ M1034-W/ M1054 /3044	1.75	2.15	2.54	2.94	3.34	3.74	4.13	4.53	4.93	5.33	5.72	6.52	7.31	8.00	-	-	-
M3005-V	3.66	4.50	5.33	6.16	6.99	7.83	8.00	8.00	8.00	8.00	-	-	-	-	-	-	-
M3006-V	4.23	5.19	6.15	7.11	8.00	8.00	8.00	8.00	8.00	-	-	-	-	-	-	-	-
P1204/ P1214	1.19	1.46	1.73	2.00	2.27	2.54	2.81	3.08	3.35	3.62	3.89	4.43	4.97	5.51	6.05	6.59	7.13
M3025-VE	2.09	2.57	3.04	3.52	3.99	4.47	4.94	5.42	5.89	6.37	6.84	7.79	8.00	-	-	-	-
M3026-VE / 3045V	2.62	3.21	3.81	4.40	5.00	5.59	6.19	6.78	7.38	7.97	8.00	8.00	-	-	-	-	-
P1224	4.41	5.42	6.42	7.42	8.00	8.00	8.00	8.00	-	-	-	-	-	-	-	-	-

CHART OF HEIGHTS AND POSSIBLE WIDTHS

MAXIMUM WIDTH OF THE FOOT
TRAFFIC AREA BASED ON THE
HEIGHT AND THE SELECTED
CAMERA.

