



**United
Technologies**

Climate | Controls | Security

Motion sensor technologies

Leading by technology

Specifications





Specifications

EV1000 series EVAM series EV1100 series EV600 series

	Used technology						
	EV1012	EV1012AM	EV1012PI	EV1116	EV1116AM	EV666	EV669
Number of PIR curtains	9	9	9	11	11	18	18
Detection range (m)	12	12	12	16	16	20	20
Signal processing	5D	5D	5D	5D	5D	4D	4D
Viewing angle (°)	86	86	86	86	86	360	360
Mounting height – min./max. (m)	1,8/3,0	1,8/3,0	1,8/3,0	1,8/3,0	1,8/3,0	2,5/5,0	2,5/5,0
Nominal current consumption (mA)	4,4	10	4,4	4,4	4,4	10	10
Dimensions:							
Height (mm)	108	108	108	125	125	138 (Ø)	138 (Ø)
Width (mm)	60	60	60	65	65	138 (Ø)	138 (Ø)
Depth (mm)	46	46	46	60	60	68	68
Flush mount	—	—	—	—	—	—	—
Pet immunity – up to (kg)	—	—	15	—	—	—	—
Anti-masking optical AIR	—	Yes	—	—	Yes	—	—
Anti-masking radar	—	—	—	—	—	—	—
EN 50131 certified – grade	2	3	2	2	3	2	2

PIR



Specifications

DD1000(AM) series DD600(AM) series

	Patented volumetric Dual Plus technology motion sensors							
	DD1012	DD1012PI	DD1012AM	DD1012RAM	DDV1016	DDV1016AM	DD669	DD669AM
Number of PIR curtains	9	9	9	9	9	9	18	18
Detection range (m)	12	12	12	12	16	16	20	20
PIR signal processing	—	—	—	—	—	—	4D	4D
Viewing angle (°)	78	78	78	78	78	78	360	360
Mounting height – min./max. (m)	1,8/3,0	1,8/3,0	1,8/3,0	1,8/3,0	1,8/3,0	1,8/3,0	2,5/5,0	2,5/5,0
Nominal current consumption (mA)	8	8	10	9	8	10	12	12
Dimensions:								
Height (mm)	126	126	126	126	126	126	138 (Ø)	138 (Ø)
Width (mm)	63	63	63	63	63	63	138 (Ø)	138 (Ø)
Depth (mm)	50	50	50	50	50	50	92	92
Flush mount	—	—	—	—	—	—	—	—
Pet immunity – up to (kg)	—	18	—	—	—	—	—	—
Anti-masking optical AIR	—	—	Yes	—	—	Yes	—	Yes
Anti-masking radar	—	—	—	Yes	—	—	—	—
EN 50131 certified – grade	2	2	3	2	2	3	2	3

PIR + radar



Specifications

VE1000 series VE1100 series VEAM series VE700 series

Used technology	Passive InfraRed motion sensors – Vector signal processing for false alarm immunity										
	VE1012	VE1012AM	VE1012PI	VE1016	VE1016AM	VE1120	VE1120AM	VE735	VE735AM	VE736	VE736AM
Number of PIR curtains	9	9	9	9	9	11	11	11	11	11	11
Detection range (m)	12	12	12	16	16	20	20	60	60	60	60
Viewing angle (°)	86	86	86	86	86	86	86	86	86	86	86
Signal processing	—	—	—	—	—	—	—	—	—	—	—
Mounting height – min./max. (m)	1,8/3,0	1,8/3,0	1,8/3,0	1,8/3,0	1,8/3,0	1,8/3,0	1,8/3,0	1,8/3,0	1,8/3,0	1,8/3,0	1,8/3,0
Nominal current consumption (mA)	4,4	10	4,4	4,4	10	4,4	4,4	11	20	11	20
Dimensions: Height (mm)	108	108	108	108	108	125	125	175	175	175	175
Width (mm)	60	60	60	60	60	65	65	93	93	93	93
Depth (mm)	46	46	46	46	46	60	60	66	66	66	66
Flush mount	—	—	—	—	—	—	—	—	—	—	—
Pet immunity – up to (kg)	—	—	15	—	—	—	—	—	—	—	—
Anti-masking optical AIR	—	Yes	—	—	Yes	—	Yes	—	Yes	—	Yes
Anti-masking radar	—	—	—	—	—	—	—	—	—	—	—
EN 50131 certified – grade	2	3	2	2	3	2	3	2	3	2	3

Vector



Specifications

EVAM series VEAM series DD1000AM series DD600AM series

Used technology	Anti-masking sensors										
	EV1012AM	EV1116AM	VE1012AM	VE1016AM	VE1120AM	VE735AM	VE736AM	DD1012AM	DD1012RAM	DDV1016AM	DD669AM
Number of PIR curtains	9	11	9	9	11	11	11	9	9	9	18
Detection range (m)	12	16	12	16	20	60	60	12	12	16	20
Viewing angle (°)	86	86	86	86	86	86	86	78	78	78	360
Signal processing	—	—	—	—	—	—	—	—	—	—	—
Mounting height – min./max. (m)	1,8/3,0	1,8/3,0	1,8/3,0	1,8/3,0	1,8/3,0	1,8/3,0	1,8/3,0	1,8/3,0	1,8/3,0	1,8/3,0	2,5/5,0
Nominal current consumption (mA)	10	4,4	10	10	4,4	20	20	10	9	10	12
Dimensions: Height (mm)	108	125	108	108	125	175	175	126	126	126	138 (Ø)
Width (mm)	60	65	60	60	65	93	93	63	63	63	138 (Ø)
Depth (mm)	46	60	46	46	60	66	66	50	50	50	92
Flush mount	—	—	—	—	—	—	—	—	—	—	—
Pet immunity – up to (kg)	—	—	—	—	—	—	—	—	—	—	—
Anti-masking optical AIR	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	—	Yes	Yes
Anti-masking radar	—	—	—	—	—	—	—	—	Yes	—	—
EN 50131 certified – grade	3	3	3	3	3	3	3	3	2	3	3

Anti-masking



**United
Technologies**

Climate | Controls | Security

www.utcssecurityproducts.eu