

Xovis Sensors are suitable for a broad range of applications related to passenger counting and passenger flow analytics. Use the Selection Guide to get an overview of the the key features and the technical specifications of each Xovis Sensor.
For further information, contact support@xovis.com.

APF-POE-M12D	APF-DC-M12D	APS-R-POE	APS-R-POE-PP	APS-R	APS-B
					

Information						
Color	Front Cover (included): White, Grey, Black Without Cover: Black (Aluminium)	Front Cover (included): White, Grey, Black Without Cover: Black (Aluminium)	Blank (Aluminum)	Blank (Aluminum)	Blank (Aluminum)	Blank (Aluminum)
Power	PoE	12-36 V DC	PoE	PoE	12-36 V DC	12-24 V DC
Ingress Protection	IP65	IP65	IP65	IP65	IP65	IP30
Dimensions	With cover: 157 x 83 x 29 mm + 2 mm lens [6.2 x 3.3 x 1.1 in + 0.1 in lens] (LxWxH)	With cover: 157 x 83 x 29 mm + 2 mm lens [6.2 x 3.3 x 1.1 in + 0.1 in lens] (LxWxH)	141 x 98 x 35mm [5.55 x 3.86 x 1.38 in]	141 x 98 x 35mm [5.55 x 3.86 x 1.38 in]	141 x 98 x 35mm [5.55 x 3.86 x 1.38 in]	136 x 79 x 31mm [5.36 x 3.11 x 1.22 in]
Weight	approx. 350 g [0.77 lb]	approx. 350 g [0.77 lb]	440g [0.97 lb]	440g [0.97 lb]	440g [0.97 lb]	250g [0.55 lb]
Power consumption	typical 8 W, maximum 11 W	typical 8 W, maximum 11 W	4W	4W	4W	4W
Type approvals	EN50155, ECE, CE	EN50155, ECE, CE	EN50155, ECE, CE	EN50155, ECE, CE	EN50155, ECE, CE	ECE, CE
Fire Safety	EN45545, UN ECE R118	EN45545, UN ECE R118	EN45545, UN ECE R118	EN45545, UN ECE R118	EN45545, UN ECE R118	UN ECE R118
Real-time clock	X	X	X	X	X	-
Installation height	1.90 m - 3.50 m [6.23 ft - 11.48 ft]	1.90 m - 3.50 m [6.23 ft - 11.48 ft]	2 m - 4 m [6.56 ft - 13.12 ft]	2 m - 4 m [6.56 ft - 13.12 ft]	2 m - 4 m [6.56 ft - 13.12 ft]	2 m - 4 m [6.56 ft - 13.12 ft]
Coverable door width	1.60 m - 6.00 m [5.25 ft - 19.69 ft] (depends on installation height)	1.60 m - 6.00 m [5.25 ft - 19.69 ft] (depends on installation height)	1.60 m - 5.60 m [5.25 ft - 18.37 ft] (depends on installation height)	1.60 m - 5.60 m [5.25 ft - 18.37 ft] (depends on installation height)	1.60 m - 5.60 m [5.25 ft - 18.37 ft] (depends on installation height)	1.60 m - 5.60 m [5.25 ft - 18.37 ft] (depends on installation height)
Accuracy	up to 99 % (Can meet VDV 457-2 accuracy requirements)	up to 99 % (Can meet VDV 457-2 accuracy requirements)	up to 99 % (Can meet VDV 457-2 accuracy requirements)	up to 99 % (Can meet VDV 457-2 accuracy requirements)	up to 99 % (Can meet VDV 457-2 accuracy requirements)	up to 99 % (Can meet VDV 457-2 accuracy requirements)
Failure rate	2,000 FIT 500,000 h MTBF (TBC, unvalidated)	2,000 FIT 500,000 h MTBF (TBC, unvalidated)	2,000 FIT 500,000 h MTBF	2,000 FIT 500,000 h MTBF	2,000 FIT 500,000 h MTBF	2,000 FIT 500,000 h MTBF

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HW Interfaces

Ethernet	100 MBit/s	100 MBit/s	100 MBit/s	100 MBit/s	100 MBit/s	100/1000 Mbit
Ethernet connector	Cable (length 0.3 m / 1 ft) with M12 D-coded female socket	Cable (length 0.3 m / 1 ft) with M12 D-coded female socket for POE and M12 A-coded male socket for DC	M12 D-coded socket	M12 D-coded socket Push-Pull version	M12 D-coded socket	RJ45 socket
I/O connector	-	-	15 pol. D-SUB male	15 pol. D-SUB male	15 pol. D-SUB male	8 Pin - Molex Mini-Mate Jr.
Input	-	-	2	2	1	2
Output	-	-	1	1	1	1
Door Coding	No need. Virtual door detection.	No need. Virtual door detection	16 Doors	16 Doors	16 Doors	-

Communication protocols

ITxPT	X	X	X	X	X	X
IBIS-IP (VDV-301)	X	X	X	X	X	X
IBIS on UDP (VDV 300)	-	-	X	X	X	X
PushSvc (SOAP)	-	-	X	X	X	X

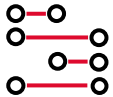
X = Available / - = Not Available

			APF-POE-M12D	APF-DC-M12D	APS-R-POE	APS-R-POE-PP	APS-R	APS-B
Mounting Frames	Item or Part. No.	Picture *						
APF Surface Mount Adapter	White: PA-APF-SM.w Grey: PA-APF-SM.g Black: PA-APF-SM.b	Coming soon	X	X	-	-	-	-
APF Tilt Mount Adapter	White: PA-APF-TM.w Grey: PA-APF-TM.g Black: PA-APF-TM.b	Coming soon	X	X	-	-	-	-
APF Flush Mount	Coming soon	Coming soon	X	X	-	-	-	-
APF Front Cover	White: PA-APF-FC.w Grey: PA-APF-FC.g Black: PA-APF-FC.b	Coming soon	X	X	-	-	-	-
APS-R Surface Mount Kit	White: 226.168-117 Grey: 226.168-107		-	-	X	X	X	-
APS-R Recessed, 0-44	White: 226.168-017 Grey: 226.168-007		-	-	X	X	X	-
APS-R Recessed with Bolts, 0-44, Grey	016.375-007		-	-	X	X	X	-
APS-B Flush Mounting Kit	226.169-007		-	-	-	-	-	X
APS-B Variable Mounting Kit	226.169-107		-	-	-	-	-	X
APS-B Surface Mounting Kit	226.169-207		-	-	-	-	-	X
APS-B 10 Deg Base Plate	226.299-007		-	-	-	-	-	X

* Illustrations only

			APF-POE-M12D	APF-DC-M12D	APS-R-POE	APS-R-POE-PP	APS-R	APS-B
Accessories	Item or Part. No.	Picture *						
Ethernet-cable, 2m (6.5 feet) M12/RJ45			X	X	X	X	X	-
Ethernet-cable, 5m (16.5 feet) M12/RJ45			X	X	X	X	X	-
M12 Ethernet Connector D-Coded			-	-	X	X	X	-
D-Sub 15 Con. incl. Crimp Pins	226.166-307		-	-	X	X	X	-
D-Sub 15 Cover Straight	226.166-207		-	-	X	X	X	-
D-Sub 15 Cover Straight IP67	226.166-107		-	-	X	X	X	-
D-Sub 15 Cover Angled IP67	226.166-217		-	-	X	X	X	-
D-Sub 15 Dust Cap, IP67	226.166-007		-	-	X	X	-	-
Connection-Cable APS-B, 2m (6.5 feet)	226.172-007		-	-	-	-	-	X

* Illustrations only

			APF-POE-M12D	APF-DC-M12D	APS-R-POE	APS-R-POE-PP	APS-R	APS-B
Software Options	Item or Part. No.	Picture *						
Origin-Destination License	Coming soon		X	X	-	-	-	-
Object Detection License	APF: XC-OBJ-LT APS: 921.700-13B		X	X	X	X	X	X
Validation Recording	APF: Free APS: 921.700-17B		X	X	X	X	X	X
Multiple Counting lines	APF: Free APS: 921.700-21B		X	X	X	X	X	X

* Illustrations only