

Site survey report

Site details

Name: Eurofyre Limited
Address: Knowle Village Business Park
Building: Unit C1
Floor:
Description: Xenos survey report for demonstration purposes.
Surveys: Xenos Wireless Fire Alarm

Site high level summary

1 INTELLIGENT TRANSLATOR MODULE
6 OPTICAL DETECTOR
1 THERMAL DETECTOR
3 CALL POINT (RED)
1 SUPERVISED INPUT MODULE

Link quality legend

GOOD, MARGINAL, ~~BAD~~, UNKNOWN

Summary report on survey: Xenos Wireless Fire Alarm

Channels selection

TX/EXP: X1, Reception

Infrastructure channels: 9-45, 10-46, 11-47, 12-48, 13-49, 14-50, 15-51, 16-52

Device channels: 55-25

Reccomended infrastructure channels: 9-45

Autodiscovery: available on channel A, B, C

Reccomended autodiscovery channel: A

Wake-up link: available

Devices**TX/EXP:** X1, Reception

OPTICAL DETECTOR, Reception	GOOD
CALL POINT (RED), Reception	GOOD
CALL POINT (RED), Warehouse	GOOD
SUPERVISED INPUT MODULE, Warehouse	GOOD
OPTICAL DETECTOR, Packing Area	GOOD
THERMAL DETECTOR, Kitchen	GOOD
OPTICAL DETECTOR, Workshop	GOOD
CALL POINT (RED), Stairs	GOOD
OPTICAL DETECTOR, Office 1	GOOD
OPTICAL DETECTOR, Office 11	GOOD
OPTICAL DETECTOR, Meeting Room	GOOD

Translator detailed report on survey: Xenos Wireless Fire Alarm



INTELLIGENT TRANSLATOR MODULE

Survey: Xenos Wireless Fire Alarm
Description: X1
Location: Reception
Connected devices: 11

	Infrastructure		Device	
Channels	9	45	55	25
Background noise average:	-119 dBm	-120 dBm	-120 dBm	-120 dBm
Background noise variability:	5.377 dBm	2.702 dBm	0.755 dBm	0.879 dBm
Status:	GOOD	GOOD	GOOD	GOOD



Notes:

Date recorded: 28/11/2023 13:21:21

Field devices detailed report on survey: Xenos Wireless Fire Alarm



OPTICAL DETECTOR

Survey: Xenos Wireless Fire Alarm
Description: X2
Location: Reception
Connected to: INTELLIGENT TRANSLATOR MODULE - Reception

Link quality scan results:

RSSI Avg:	-33 dBm	RSSI Var:	0.000 dBm
Background Avg:	-115 dBm	Background Var:	1.252 dBm
Packet loss:	0%	Scan performed on channel:	Default
Status:	GOOD		



Notes:

Date recorded: 28/11/2023 13:05:53



CALL POINT (RED)

Survey: Xenos Wireless Fire Alarm
Description: X3
Location: Reception
Connected to: INTELLIGENT TRANSLATOR MODULE - Reception

Link quality scan results:

RSSI Avg:	-52 dBm	RSSI Var:	2.522 dBm
Background Avg:	-117 dBm	Background Var:	1.729 dBm
Packet loss:	0%	Scan performed on channel:	Default
Status:	GOOD		



Notes:

Date recorded: 28/11/2023 13:07:47



CALL POINT (RED)

Survey: Xenos Wireless Fire Alarm
Description: X4
Location: Warehouse
Connected to: INTELLIGENT TRANSLATOR MODULE - Reception

Link quality scan results:

RSSI Avg:	-55 dBm	RSSI Var:	1.285 dBm
Background Avg:	-116 dBm	Background Var:	1.182 dBm
Packet loss:	0%	Scan performed on channel:	Default
Status:	GOOD		



Notes:

Date recorded: 28/11/2023 13:09:28



SUPERVISED INPUT MODULE

Survey: Xenos Wireless Fire Alarm
Description: X5
Location: Warehouse
Connected to: INTELLIGENT TRANSLATOR MODULE - Reception

Link quality scan results:

RSSI Avg:	-40 dBm	RSSI Var:	0.552 dBm
Background Avg:	-110 dBm	Background Var:	1.158 dBm
Packet loss:	0%	Scan performed on channel:	Default
Status:	GOOD		



Date recorded: 28/11/2023 13:11:11

Notes:

ASD



OPT OPTICAL DETECTOR

Survey: Xenos Wireless Fire Alarm
Description: X6
Location: Packing Area
Connected to: INTELLIGENT TRANSLATOR MODULE - Reception

Link quality scan results:

RSSI Avg:	-49 dBm	RSSI Var:	2.612 dBm
Background Avg:	-115 dBm	Background Var:	3.143 dBm
Packet loss:	0%	Scan performed on channel:	Default
Status:	GOOD		



Notes:

Date recorded: 28/11/2023 13:12:17



THERMAL DETECTOR

Survey: Xenos Wireless Fire Alarm
Description: X7
Location: Kitchen
Connected to: INTELLIGENT TRANSLATOR MODULE - Reception

Link quality scan results:

RSSI Avg:	-51 dBm	RSSI Var:	0.000 dBm
Background Avg:	-115 dBm	Background Var:	1.112 dBm
Packet loss:	0%	Scan performed on channel:	Default
Status:	GOOD		



Notes:

Date recorded: 28/11/2023 13:13:24



OPT OPTICAL DETECTOR

Survey: Xenos Wireless Fire Alarm
Description: X8
Location: Workshop
Connected to: INTELLIGENT TRANSLATOR MODULE - Reception

Link quality scan results:

RSSI Avg:	-47 dBm	RSSI Var:	1.069 dBm
Background Avg:	-116 dBm	Background Var:	1.775 dBm
Packet loss:	0%	Scan performed on channel:	Default
Status:	GOOD		



Notes:

Date recorded: 28/11/2023 13:14:48



CALL POINT (RED)

Survey: Xenos Wireless Fire Alarm
Description: X9
Location: Stairs
Connected to: INTELLIGENT TRANSLATOR MODULE - Reception

Link quality scan results:

RSSI Avg:	-50 dBm	RSSI Var:	1.484 dBm
Background Avg:	-115 dBm	Background Var:	1.181 dBm
Packet loss:	0%	Scan performed on channel:	Default
Status:	GOOD		



Notes:

Date recorded: 28/11/2023 13:16:14



OPT OPTICAL DETECTOR

Survey: Xenos Wireless Fire Alarm
Description: X10
Location: Office 1
Connected to: INTELLIGENT TRANSLATOR MODULE - Reception

Link quality scan results:

RSSI Avg:	-46 dBm	RSSI Var:	0.598 dBm
Background Avg:	-116 dBm	Background Var:	3.600 dBm
Packet loss:	0%	Scan performed on channel:	Default
Status:	GOOD		



Notes:

Date recorded: 28/11/2023 13:17:40



OPT OPTICAL DETECTOR

Survey: Xenos Wireless Fire Alarm
Description: X11
Location: Office 11
Connected to: INTELLIGENT TRANSLATOR MODULE - Reception

Link quality scan results:

RSSI Avg:	-51 dBm	RSSI Var:	0.656 dBm
Background Avg:	-113 dBm	Background Var:	3.036 dBm
Packet loss:	0%	Scan performed on channel:	Default
Status:	GOOD		



Notes:

Date recorded: 28/11/2023 13:19:03



OPT OPTICAL DETECTOR

Survey: Xenos Wireless Fire Alarm
Description: X12
Location: Meeting Room
Connected to: INTELLIGENT TRANSLATOR MODULE - Reception

Link quality scan results:

RSSI Avg:	-51 dBm	RSSI Var:	0.485 dBm
Background Avg:	-116 dBm	Background Var:	1.483 dBm
Packet loss:	0%	Scan performed on channel:	Default
Status:	GOOD		



Notes:

Date recorded: 28/11/2023 13:20:10