

# XT0640

## Outdoor Alarm Panel

The Videofied® XT0640 alarm panel is a battery operated integrated security system designed for outdoor commercial applications that incorporates a weather resistant enclosure, LTE communicator, and 2-way encrypted wireless support for indoor and outdoor motion viewers.

The control panel is powered by four LSH20 Lithium batteries that last up to four years, with normal system activity, and may also be powered by an optional AC adapter.

A dual-tamper function on the panel cover is active whether or not the system is armed and reports an alarm condition if the control panel cover is removed, or if the control panel is removed from the mounting surface.

### Supervised Wireless Technology

The patented Wiselink® - Spread Spectrum, AES Encrypted bi-directional wireless communication ensures high signal reliability and security.

The panel supervises installed devices (excluding the remote keyfob) to monitor current state, tamper condition, battery status and more.

**Arm, disarm and manage alarms via an alpha-numeric keypad, a prox key or keyfob.**



## FEATURES & BENEFITS

- Wiselink®: Spread Spectrum, AES Encrypted Wireless technology provides optimum signal integrity and security.
- Compatibility: works with all Videofied® wireless devices.
- Supervision of all devices (except remote keyfob).
- Tamper detection: 24-hour dual-tamper function provides detection for both cover and wall removal.
- Areas: 4 maximum. Area 1 predefined from factory for entry/exit delay. Areas 2, 3, and 4 can be configured as needed.
- Access codes: 20 maximum, 4 - 6 digits; one installer access code for on-site programming only.
- Configuration/Programming: on-site using alphanumeric keypads or TMT2 software.
- Communication: reports to central monitoring stations using Frontel.
- Video verification: Incorporating indoor and/or outdoor MotionViewer™ into the system allows for video verification of intrusion alarms.
- History/Event Log: maximum 4,000 events stored in flash memory that cannot be cleared or erased.

# XT0640 Technical Specifications

## CONFIGURATION/PROGRAMMING

Easy to understand text on a two line, 16-character liquid-crystal (LCD) display keypad guides you through programming, prompting you for simple yes/no or data entry responses. Complete punctuation symbols allow for accurate website/IP address entries and device location naming.

## COMMUNICATION

The XTO 640 panel reports alarms and other system events by using the Frontel protocol. Frontel provides complete system reporting information and video verification to a central monitoring station set up with the Frontel alarm receiving software.

## VIDEO VERIFICATION

Incorporating MotionViewer™ into the security system allows for video verification of intrusion alarms.

When the system is armed and an intruder trips the MotionViewer™, the integrated camera captures a 4-12 sec (configurable) QVGA video which is sent to the central monitoring station from the control panel, for the central station to take action.

## HISTORY/EVENT LOG

The XTO 640 control panel records and stores a maximum of 4,000 system activities and events (armings, disarmings, alarms, access codes entered, system programming changes, etc.) in flash memory.

As additional events occur, the control panel automatically deletes the oldest event, ensuring the most recent events reside in the log.

The history/event log can be viewed using an alphanumeric keypad or downloaded at the central station.

## SENSING & SOUNDING WIRELESS PERIPHERALS



**IMV601**  
(Indoor Motion Viewer)



**OMV601MB**  
(Outdoor Motion Viewer)



**ICT601**  
(Contact with input option)



**IMD601**  
(Indoor Motion Detector)



**SE601**  
(Indoor Siren)



**OSX601**  
(Outdoor Siren)

## ARMING DEVICE



**XMA621**  
(Vertical Keypad)



**WMB621**  
(Horizontal Keypad with Prox Reader)



**KF641**  
(Wireless Key Fob)



**BR651**  
(Outdoor Rated Prox Reader)



**VT100**  
(Prox Tags)

# XT0640 Technical Specifications

## CAPACITIES

MAX NUMBER OF DEVICES	24
MAX NUMBER OF CODES/BADGES	19
ARMING MODES	4
AREAS	4
EVENT LOG	4000 events stored on flash memory

## POWER REQUIREMENTS (OPTION 1)

POWER SUPPLY TYPE B	9-12 V / 1.2 A
LOW VOLTAGE LIMIT	5.15 V
BACKUP	6V with 4 x 1,5 V D Alkaline batteries /LR20
LOW BATTERY LIMIT	4.2 V
BATTERY LIFE (AVERAGE)	1 year
AVERAGE CURRENT CONSUMPTION (OVER 1H)	450µA
MAX CURRENT	1.2 A

## POWER REQUIREMENTS (OPTION 2)

POWER SUPPLY TYPE C	14.4V with 4 x 3.6 V Lithium batteries /LSH20
LOW BATTERY LEVEL	12 V
AVERAGE BATTERY LIFE	4 years

## RF WISELINK® TECHNOLOGY

RADIO TYPE	Bidirectional RF
OPERATING FREQUENCY	902/928MHz - FHSS - XT0640 (North America)
TRANSMISSION SECURITY	AES encryption
RADIO JAM DETECTION	Yes
SUPERVISION	Yes
RADIO ANTENNA	Integrated
EXTERNAL RADIO ANTENNA	Option with MMCX connector

## TAMPER DETECTION

TAMPER	Wall and cover tamper detection
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## COMMUNICATOR

MODULE TYPE	4G LTE
SECURITY PROTOCOL	SIM sold separately
IP STACK	TCP/IP
VIDEO TRANSMISSION PROTOCOL	Frontel to central station or App servers
LTE ANTENNA	Integrated
EXTERNAL LTE ANTENNA	Option with MMCX connector

## PROGRAMMABLE WIRED INPUTS

NUMBER	3
«DRY» CONTACT	Yes
INPUT VOLTAGE	12 VDC (15VDC max)

## PROGRAMMABLE WIRED OUTPUTS

NUMBER	2
MAX SWITCHING VOLTAGE	24VDC /30VAC
MAX SWITCHING CURRENT	1A
MAX SWITCHING POWER	30 W

## VIDEO

VIDEO FORMAT	WMV or MPEG
IMAGES PER SECOND	5
IMAGE SIZE	320x240 pixels
VIDEO LENGTH	4 to 12 seconds

## PHYSICAL AND ENVIRONMENTAL DATA

OPERATING TEMPERATURE	-25°/70°C
MAXIMUM RELATIVE HUMIDITY	95%, without condensing
INTERNATIONAL PROTECTION MARKING	IP54 / IK06
MATERIAL	ABS-ULV0

## INSTALLATION / MOUNTING

CONTROL PANEL / BASE	4 screws to close the cover 4 screws on panel base for brackets mounting
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## DIMENSIONS

PANEL	272 mm x 276 mm x 96mm
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XT0640	902/928 MHz FHSS
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# XT0640 Technical Specifications

## ORDERING

<b>XT0640</b>	Alarm Panel
<b>PP1</b>	4 D-Cell High Capacity Battery Pack
<b>PP4</b>	12VDC Power Adapter Plus 4 D-Cell Alkaline Battery Pack
<b>UPL200</b>	Uplink 4G LTE SIM Card
<b>TG600</b>	Telular 4G LTE SIM Card



**For more information**  
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