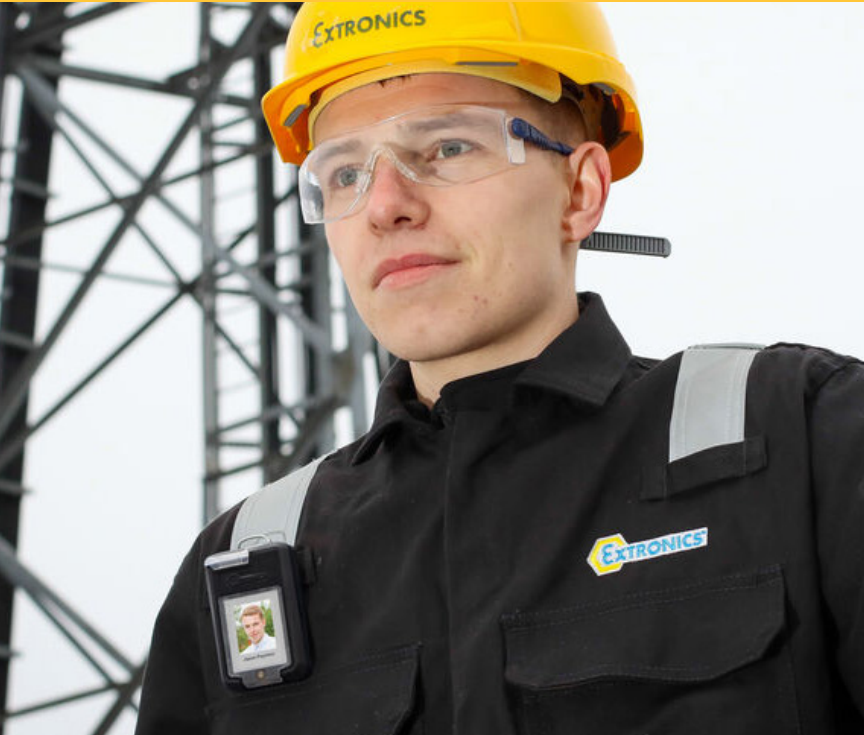


TECHNICAL DATASHEET



iTAG X30

Worker location tag with hybrid technology

Accurately locate workers in hazardous areas, anytime and anywhere

Wi-Fi, GPS, LF, and Bluetooth Low Energy technology

Optional integrated access control or photo ID card

Over-the-air updates enabling feature upgrades, such as:

- Improve accuracy using BLE beacons
- Call button acknowledgements for workers*
- Automatic man down/fall detect alerts in MobileView

Social distancing and contact tracing functionality

ATEX and IECEx zone 0 and 20 certified

Improve worker safety and accountability

Compatible with most enterprise Wi-Fi networks

Uses advanced MobileView visibility software

Emergency call button to raise alerts

Visual, audible, and tactile call button alerts for workers

Leverage hybrid technology for accurate location tracking

Increase compliance and security

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Extronics Released

* features expected to be available in future, not available at launch

SPECIFICATION



Hazardous area certification

 ATEX/IECEX II 1 G Ex ia IIC T4 Ga
II 1 D Ex ia IIIC T200 T35°C Da
I M1 Ex ia I Ma

cMETus CI I, II, III Div 1 groups A-G, T4, Ex ia
CI I Zone 0 AEx ia IIC T4 Ga
Zone 20 AEx ia IIIC T135°C Da
Ex ia IIC T4 Ga
Ex ia IIIC T135°C Da

Radio certification

RED EN300 328, EN303 413, EN300 330, EN301 489

Location technology

Wi-Fi radio: 2.4 GHz
GNSS radio: GPS / GLONASS / Galileo
LF receiver: 125 KHz
Bluetooth: 2.4GHz

Dimensions

H85mm x W56mm x D26mm excluding stainless steel clip
H92mm x W56mm x D38mm including stainless steel clip

Weight

Tag 125g
Charger 35g

IP rating

IP65, IP67

Materials

Tag housing: Polycarbonate/PBT
Tag overmould: TPU
Access control card cover: Transparent ABS
Clip: Stainless steel
Charge adapter: ABS
Charging cable: PVC

User notification

Emergency call button:
Uni-directional communication
Bi-directional communication providing acknowledgement to user*
LEDs:
Green flashing/red flashing - activity/battery status
Red constant - call button activated
Red flashing - call button acknowledgement*
Vibration: During call button activity
Sound: 75dB

SPECIFICATION



Battery	<p>Battery: Rechargeable Lithium Ion battery</p> <p>Charging time: 5 hours</p> <p>Battery life: Dependant on usage, examples provided on request</p> <p>Charge adapter: USB Type A to tag 2 pin, 1m long (must use charging cable supplied and power supply conditions apply)</p> <p>Battery capacity: >80% capacity after 500 charge cycles</p> <p>BATTERY MUST BE CHARGED IN NON-HAZARDOUS AREA</p>
Environmental	<p>Operating temperature: -20°C to +55°C</p>
Compatibility	<p>MobileView 5.4 MRI Engine 5.4.2 and above</p>
Extronics Location Selector (ELS)	<p>Advanced decision-making software to provide hybrid location capability. MobileView compatibility 5.4 MRI and above BLE Trilateration</p>
Programmability	<p>Program with TED and Tag Manager BD 7 uni-directional configurations available 7 bi-directional configurations available* After initial setup, configuration changes can be done over-the-air via MobileView</p>
Updates	<p>Over-the-air firmware updates when new functionality becomes available</p>
Security protocols	<p>WPA2-PSK Enterprise 802.1X with PEAP MSCHAP V2</p>
Beacon Transmission	<p>CCX IBSS WDS</p>
Warranty	<p>1 year factory warranty</p>

iTAGX30AI

iTAG X30 Hazardous Area Hybrid technology tag with Wi-Fi and GPS, accommodates photo ID/access control. Certified to ATEX, IECEx and cMETus. Complete with USB charging cable.

iTAGX30AI-HID

iTAG X30 Hazardous Area Hybrid technology tag with Wi-Fi and GPS, accommodates HID iClass tag and photo ID. Certified to ATEX, IECEx and cMETus. Complete with USB charging cable.

iTAGX30AI-PK50

iTAG X30 Hazardous Area Hybrid technology tag with Wi-Fi and GPS, accommodates photo ID/access control. Certified to ATEX, IECEx and cMETus. Complete with USB charging cable. Pack of 50.

iTAGX30AI-HID-PK50

iTAG X30 Hazardous Area Hybrid technology tag with Wi-Fi and GPS, accommodates HID iClass tag and photo ID. Certified to ATEX, IECEx and cMETus. Complete with USB charging cable. Pack of 50.

iTAGX30IND

iTAG X30 Industrial Hybrid technology tag with Wi-Fi and GPS, accommodates photo ID/Access control card. Complete with USB charging cable.

iTAGX30IND-HID

iTAG X30 Industrial Hybrid technology tag with Wi-Fi and GPS, accommodates HID iClass tag and photo ID. Complete with USB charging cable.

iTAGX30IND-PK50

iTAG X30 Industrial Hybrid technology tag with Wi-Fi and GPS, accommodates photo ID/Access control card. Complete with USB charging cable. Pack of 50.

iTAGX30IND-HID-PK50

iTAG X30 Industrial Hybrid technology tag with Wi-Fi and GPS, accommodates HID iClass tag and photo ID. Complete with USB charging cable. Pack of 50.

ACCESSORIES:

X124868	USB Charging Cable for iTAG X30
X124869	USB Charging Cables for iTAG X30 Pack of 10
X124870	iTAG X30 Photo ID covers Pack of 10
X124871	iTAG X30 Photo ID covers Pack of 50
X124907	iTAG X30 iCLASS HID Photo ID covers Pack of 10
X124908	iTAG X30 iCLASS HID Photo ID covers Pack of 50
X124872	iTAG X30 Protective cover for call button Pack of 10
X124873	iTAG X30 Protective cover for call button Pack of 50
X124874	PVC Kiss Cut Blank Photo ID Card for iTAG X30 Pack of 10
X124876	PVC Kiss Cut Blank Photo ID Card for iTAG X30 Pack of 50
X124875	DESFire EV1 RFID Photo ID Card for iTAG X30 Pack of 10
X124877	DESFire EV1 RFID Photo ID Card for iTAG X30 Pack of 50