



Remote Monitoring Gateway

P/N: GW65

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Document identity

Publ. No.: GW65

Commit: 78775

Language:

Modified: 2021-08-19

Formatted: 2021-08-19

Website

<http://www.flir.com>

Customer support

<http://support.flir.com>

Disclaimer

Specifications subject to change without further notice. Camera models and accessories subject to regional market considerations. License procedures may apply. Products described herein may be subject to US Export Regulations. Please refer to exportquestions@flir.com with any questions.



General description

The GW65 Remote Monitoring Gateway is part of the Vibration Monitoring solution. It receives vibration and temperature data from sensors via Bluetooth® and sends data to Windows App and mobile apps using Wi-Fi®. The gateway also stores the data to its internal memory in case of Wi-Fi® outage.

This Monitoring Gateway is supplied with four AC connectors for US/EU/UK/Australia/NZ power outlets. It works on 100-240 V AC, 50/60 Hz.

Environmental

Operating Temperature Range	-25°C to 65°C (-13°F to 149°F)
Storage Temperature Range	-25°C to 65°C (-13°F to 149°F)
Relative Humidity	10 to 95% non-condensing
Altitude	2000 m
IP Rating	IP40
Drop Test	1 m
Certification	ETL, IC, FCC, CE, RCM

Storage

Data Storage	32 MB (approx. 5 days of data for 4 sensors OR 20 days with 1 sensor)
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Power system

AC power input	100-240 V AC, 50/60 Hz
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Indicators

LED	LEDs indicate power, sensor alarm and Wi-Fi® status
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Data communication interfaces

Bluetooth® Range (during a session)	65 m, line-of-sight
Wi-Fi Type	IEEE 802.11 b/g/n
Wi-Fi Frequency Band	2.4 GHz

Physical data

Weight	66 g (0.15 lbs.)
Size (L x W x H)	5.41 x 4.94 x 4.94 cm (2.11 x 1.93 x 1.93 in)



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Warranty and service	
3-year warranty	www.flir.com/testwarranty
Shipping information	
Packaging, type	Cardboard box
Included	• 1 Gateway for Vibration Monitoring Solution • 4 Gateway AC connectors for US/EU/UK/AUS power outlets
Packaging, weight	135 g (0.30 lbs.)
Packaging, size	16.50 x 7.00 x 6.50 cm (6.44 x 2.73 x 2.54 in)
EAN-13	0793950438725
UPC-12	793950438725
Country of origin	Taiwan

Compatible with the following products:

- SV87-KIT; FLIR SV87-KIT: Vibration Monitoring Solution



FLIR COMMERCIAL SYSTEMS, INC.

9 Townsend West, Nashua NH 03063 / Phone: 603.324.7800 / Fax: 603.324.7864

Declaration of Conformity

Extech Model: GW65

Description: Remote Monitoring Gateway

Date of Issue: 17-Nov-20

We, FLIR Commercial Systems, Inc., 9 Townsend West, Nashua, NH 03063 declare that a sample of the product listed above has been tested by a third party for CE marking according to:

EMC Directive: 2014/30/EU

Report Number: 200600056TWN-001

Report Date of Issue: 6/29/2020

Standards:

EN 55032: 2015/AC: 2016

EN 55024: 2010+A1: 2015

EN IEC 61000-3-2: 2019

EN 61000-3-3: 2013+A1: 2019

LVD Directive: 2014/35/EU

Report Number: 200600043TWN-001

Report Date of Issue: 9/3/2020

Standards:

IEC 62368-1: 2014+A11: 2017

RED Directive: 2014/53/EU

Report Number: 200600056TWN-001

Report Date of Issue: 6/29/2020

Standards:

ETSI EN 301 489-1 V2.2.3

ETSI EN 301 489-17 V3.1.1

RoHS Directive: EU Directive 2015/863/EU (RoHS 3)

The test reports show that the product fulfills the requirement in the EC Low Voltage Directive, EMC Directive, RED Directive, and RoHS Directive for CE Marking. On this basis, together with the manufacturer's own documented production control, the manufacturer (or his European authorized representative) can in his EC Declaration of Conformity verify compliance with the EC Low Voltage Directive, EMC Directive, RED Directive, and RoHS Directive.

A handwritten signature in black ink, appearing to read 'Mark Sultzbach'.

Mark Sultzbach / QA Manager

Taipei, Taiwan Aug 3, 2021

UK Declaration of Conformity

Product: FLIR GW65

Name and address of the manufacturer: Teledyne FLIR LLC,
9 Townsend West,
Nashua, NH 03063

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The object of the declaration: FLIR GW65.

The object of the declaration described above is in conformity with the relevant statutory requirements applicable to the specific product:

Standards review between UK and EU

UK legislation refr.	UK designated standard*	EU regulation refr.	EU harmonised standard
EMC		EMC	
S.I. 2016 No. 1091	EN 55032: 2015	2014/30/EU	EN 55032: 2015/AC: 2016
S.I. 2016 No. 1091	EN 55024: 2010+A1	2014/53/EU	EN 55024: 2010+A1: 2015
S.I. 2016 No. 1091	EN 61000-3-2: 2019	2014/53/EU	EN 61000-3-2: 2019
S.I. 2016 No. 1091	EN 61000-3-3: 2013+A1: 2019	2014/53/EU	EN 61000-3-3: 2013+A1: 2019
S.I. 2017 No.1206	ETSI EN 301 489	2014/53/EU	ETSI EN 301 489-1 V2.2.3
S.I. 2017 No.1206	E TSI EN 301 489	2014/53/EU	ETSI EN 301 489-17 V3.1.1
LVD Directive		LVD Directive	
S.I. 2016 No. 1101	EN 62368-1:2014	2014/35/EU	EN 62368-1: 2014+A11: 2017
RoHS			
S.I. 2012 No. 3032	EN 50581:2012	2015/65/EU (RoHS)	EN 50581:2012

* <https://www.gov.uk/guidance/designated-standards>

Designated standards: EMC – consolidated list, version 1, 1 January 2021

Designated standards: Low voltage equipment – consolidated list, version 1, 1 January 2021

Designated standards: RoHS – consolidated list, version 1, 1 January 2021

FLIR Commercial Systems

Quality Assurance



Hank Tsai
Quality Manager