

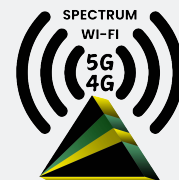
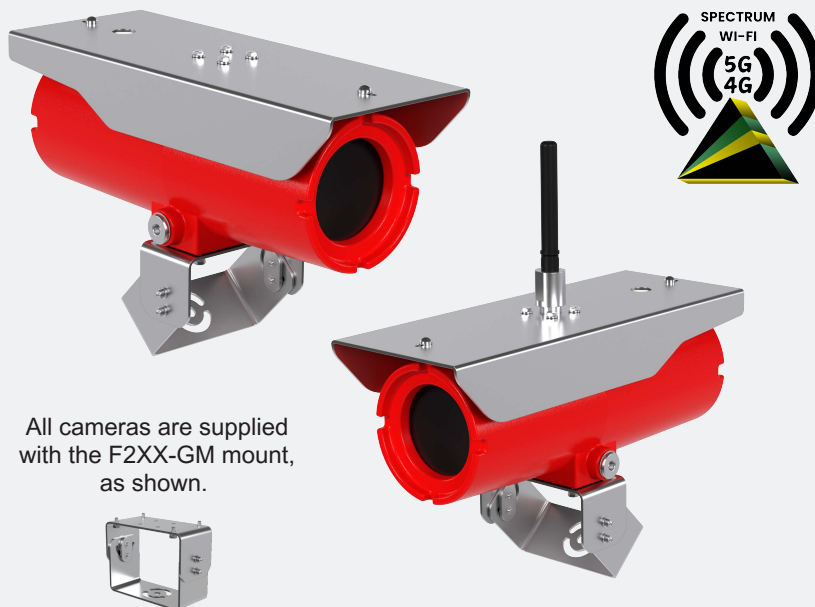
Spectrum F210-BBBBBB-CC-DD-EE-FF

Explosion-Proof 2MP, 4MP, 6MP & 8MP (4K) Fixed Cameras

EXPLSION
 PROOF CAMERA

Key Features

- Excellent Image Quality 2MP, 4MP, 6MP & 8MP (4K)
- Avigilon AdaptAI Analytics inside
- Dynamic Privacy Masking
- POE and Redundant DC Power
- 4G and 5G Wireless options available
- SFP Media Converter option available
- Rapid Installation Time with reduced costs
- Operating Temperature
 - See table on Page 2
- Front Glass Protective Film (F2XX-TO) included
- Reliable Securing Kit (SF-RSK) included
- Made in USA
- NDAA and TAA-Compliant
- cFmus, Class I/II/III, Division 1, Groups BCDEFG
 II 2 G Ex db IIB+H2 Gb
 II 2 D Ex tb IIIC Db,
- IECEX & ATEX approved
- 5 Year Warranty with Registration



Avigilon Camera Inside
AVIGILON



Part No.	Description	MP	F Number	Image Sensor
F210-2.0C-H6X-B-01-01	POE - IEEE 802.3bt - 90W	2.0	1.4	1 / 2.8
F210-2.0C-H6X-B-02-02	Media Converter (SFP) - 120 / 240 VAC - 50 / 60 Hz	2.0	1.4	1 / 2.8
F210-2.0C-H6X-B-02-03-02-RUT241	Wireless - Teltonika 4G - 120 / 240 VAC - 50 / 60 Hz	2.0	1.4	1 / 2.8
F210-2.0C-H6X-B-02-03-03-XR60	Wireless - Sierra 5G - 120 / 240 VAC - 50 / 60 Hz	2.0	1.4	1 / 2.8
F210-4.0C-H6X-B-01-01	POE - IEEE 802.3bt - 90W	4.0	1.3	1 / 1.8
F210-4.0C-H6X-B-02-02	Media Converter (SFP) - 120 / 240 VAC - 50 / 60 Hz	4.0	1.3	1 / 1.8
F210-4.0C-H6X-B-02-03-02-RUT241	Wireless - Teltonika 4G - 120 / 240 VAC - 50 / 60 Hz	4.0	1.3	1 / 1.8
F210-4.0C-H6X-B-02-03-03-XR60	Wireless - Sierra 5G - 120 / 240 VAC - 50 / 60 Hz	4.0	1.3	1 / 1.8
F210-6.0C-H6X-B-01-01	POE - IEEE 802.3bt - 90W	6.0	1.3	1 / 1.8
F210-6.0C-H6X-B-02-02	Media Converter (SFP) - 120 / 240 VAC - 50 / 60 Hz	6.0	1.3	1 / 1.8
F210-6.0C-H6X-B-02-03-02-RUT241	Wireless - Teltonika 4G - 120 / 240 VAC - 50 / 60 Hz	6.0	1.3	1 / 1.8
F210-6.0C-H6X-B-02-03-03-XR60	Wireless - Sierra 5G - 120 / 240 VAC - 50 / 60 Hz	6.0	1.3	1 / 1.8
F210-8.0C-H6X-B-01-01	POE - IEEE 802.3bt - 90W	8.0	1.3	1 / 1.8
F210-8.0C-H6X-B-02-02	Media Converter (SFP) - 120 / 240 VAC - 50 / 60 Hz	8.0	1.3	1 / 1.8
F210-8.0C-H6X-B-02-03-02-RUT241	Wireless - Teltonika 4G - 120 / 240 VAC - 50 / 60 Hz	8.0	1.3	1 / 1.8
F210-8.0C-H6X-B-02-03-03-XR60	Wireless - Sierra 5G - 120 / 240 VAC - 50 / 60 Hz	8.0	1.3	1 / 1.8

For other combinations and selection matrix data sheet please visit <https://spectrumcamera.com>

Specifications

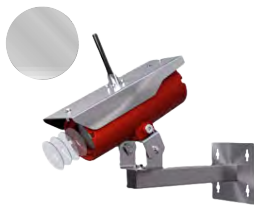
General																																							
Casing	Aluminum																																						
Weight	27 - 29 lbs (12.2 - 13.2 kgs)																																						
Dimensions	19.25(L) x 7.41(H) x 6.64(W) in (498 x 188 x 163 mm)																																						
Power	See models shown on previous page, or on Selection Matrix Data Sheet																																						
Storage Conditions	-40°C to +60°C (-40°F to +140°F) Humidity 5-95% RH (non-condensing)																																						
Operating Conditions	<table><tr><th>Part No.</th><th>Certified Temperature °C (°F)</th><th>Part No.</th><th>Certified Temperature °C (°F)</th></tr><tr><td>F210-2.0C-H6X-B-01-01</td><td>-50 to +65°C (-58 to +149°F)</td><td>F210-6.0C-H6X-B-01-01</td><td>-50 to +65°C (-58 to +149°F)</td></tr><tr><td>F210-2.0C-H6X-B-02-02</td><td>-50 to +65°C (-58 to +149°F)</td><td>F210-6.0C-H6X-B-02-02</td><td>-50 to +65°C (-58 to +149°F)</td></tr><tr><td>F210-2.0C-H6X-B-02-03-02-RUT241</td><td>-40 to +65°C (-40 to +149°F)</td><td>F210-6.0C-H6X-B-02-03-02-RUT241</td><td>-40 to +65°C (-40 to +149°F)</td></tr><tr><td>F210-2.0C-H6X-B-02-03-03-XR60</td><td>-40 to +65°C (-40 to +149°F)</td><td>F210-6.0C-H6X-B-02-03-03-XR60</td><td>-40 to +65°C (-40 to +149°F)</td></tr><tr><td>F210-4.0C-H6X-B-01-01</td><td>-50 to +65°C (-58 to +149°F)</td><td>F210-8.0C-H6X-B-01-01</td><td>-50 to +65°C (-58 to +149°F)</td></tr><tr><td>F210-4.0C-H6X-B-02-02</td><td>-50 to +65°C (-58 to +149°F)</td><td>F210-8.0C-H6X-B-02-02</td><td>-50 to +65°C (-58 to +149°F)</td></tr><tr><td>F210-4.0C-H6X-B-02-03-02-RUT241</td><td>-40 to +65°C (-40 to +149°F)</td><td>F210-8.0C-H6X-B-02-03-02-RUT241</td><td>-40 to +65°C (-40 to +149°F)</td></tr><tr><td>F210-4.0C-H6X-B-02-03-03-XR60</td><td>-40 to +65°C (-40 to +149°F)</td><td>F210-8.0C-H6X-B-02-03-03-XR60</td><td>-40 to +65°C (-40 to +149°F)</td></tr></table>			Part No.	Certified Temperature °C (°F)	Part No.	Certified Temperature °C (°F)	F210-2.0C-H6X-B-01-01	-50 to +65°C (-58 to +149°F)	F210-6.0C-H6X-B-01-01	-50 to +65°C (-58 to +149°F)	F210-2.0C-H6X-B-02-02	-50 to +65°C (-58 to +149°F)	F210-6.0C-H6X-B-02-02	-50 to +65°C (-58 to +149°F)	F210-2.0C-H6X-B-02-03-02-RUT241	-40 to +65°C (-40 to +149°F)	F210-6.0C-H6X-B-02-03-02-RUT241	-40 to +65°C (-40 to +149°F)	F210-2.0C-H6X-B-02-03-03-XR60	-40 to +65°C (-40 to +149°F)	F210-6.0C-H6X-B-02-03-03-XR60	-40 to +65°C (-40 to +149°F)	F210-4.0C-H6X-B-01-01	-50 to +65°C (-58 to +149°F)	F210-8.0C-H6X-B-01-01	-50 to +65°C (-58 to +149°F)	F210-4.0C-H6X-B-02-02	-50 to +65°C (-58 to +149°F)	F210-8.0C-H6X-B-02-02	-50 to +65°C (-58 to +149°F)	F210-4.0C-H6X-B-02-03-02-RUT241	-40 to +65°C (-40 to +149°F)	F210-8.0C-H6X-B-02-03-02-RUT241	-40 to +65°C (-40 to +149°F)	F210-4.0C-H6X-B-02-03-03-XR60	-40 to +65°C (-40 to +149°F)	F210-8.0C-H6X-B-02-03-03-XR60	-40 to +65°C (-40 to +149°F)
Part No.	Certified Temperature °C (°F)	Part No.	Certified Temperature °C (°F)																																				
F210-2.0C-H6X-B-01-01	-50 to +65°C (-58 to +149°F)	F210-6.0C-H6X-B-01-01	-50 to +65°C (-58 to +149°F)																																				
F210-2.0C-H6X-B-02-02	-50 to +65°C (-58 to +149°F)	F210-6.0C-H6X-B-02-02	-50 to +65°C (-58 to +149°F)																																				
F210-2.0C-H6X-B-02-03-02-RUT241	-40 to +65°C (-40 to +149°F)	F210-6.0C-H6X-B-02-03-02-RUT241	-40 to +65°C (-40 to +149°F)																																				
F210-2.0C-H6X-B-02-03-03-XR60	-40 to +65°C (-40 to +149°F)	F210-6.0C-H6X-B-02-03-03-XR60	-40 to +65°C (-40 to +149°F)																																				
F210-4.0C-H6X-B-01-01	-50 to +65°C (-58 to +149°F)	F210-8.0C-H6X-B-01-01	-50 to +65°C (-58 to +149°F)																																				
F210-4.0C-H6X-B-02-02	-50 to +65°C (-58 to +149°F)	F210-8.0C-H6X-B-02-02	-50 to +65°C (-58 to +149°F)																																				
F210-4.0C-H6X-B-02-03-02-RUT241	-40 to +65°C (-40 to +149°F)	F210-8.0C-H6X-B-02-03-02-RUT241	-40 to +65°C (-40 to +149°F)																																				
F210-4.0C-H6X-B-02-03-03-XR60	-40 to +65°C (-40 to +149°F)	F210-8.0C-H6X-B-02-03-03-XR60	-40 to +65°C (-40 to +149°F)																																				
Approvals	Hazardous Area FM3600, FM3615, ANSI/ISA/EN/IEC/CAN/ CSA-C22.2 60079-0, ANSI/UL/EN/IEC/CAN/ CSA-C22.2 60079-1, ANSI/UL/IEC/CAN/ CSA-C22.2 60079-31 EMC EN 60032 Class A, EN 50121-4, IEC 62236-4, EN 60024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A, RCM AS/NZS CISPR 32 Class A, KC KN32 Class A, KC KN35 Safety IEC/EN/UL 60950-22, IEC/EN/UL 62368-1, IS 13252 Environment IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-78, IEC/EN 60529 IP66/IP67, IEC/EN 62262 IK10, NEMA 250 Type 4X, NEMA TS 2 (2.2.7-2.2.9) Network NIST SP500-267																																						

Explosion-proof certification	USA: FM24US0209X Canada: FM24CA0056X ATEX: FM24ATEX0026X IECEX: IECEX_FMG_24.0028_000
-------------------------------	---

Accessories for the F200



F2XX-GM
General Mount
(Supplied with camera)



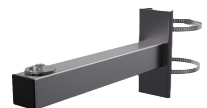
F2XX-TO
Front Glass
Protective Film
(Supplied with camera)



SF-RSK
Reliable
Securing Kit
(Supplied with camera)



F2XX-WM
Fixed Wall
Mount



F2XX-PM
Fixed Pole
Mount

Approvals & Dimensions

Non-Wireless Versions



SPECIALIZING IN EXPLOSION PROOF TECHNOLOGY
8935 ALMEDA GENOA RD. HOUSTON, TEXAS 77075 USA
SERIAL: []



MADE IN USA



MODEL: F210-X-OC-H6X-B-01-01
POE INPUT: IEEE 802.3bt, 90 W;
VAC INPUT: N/A;
VDC INPUT: N/A;

ENTRY [] DEVICE []
US/Canada: Class I Division 1 Groups BCD [SEE TABLE 1], Type 4X, IP66
Class II/III Division 1 Groups EFG [SEE TABLE 2], Type 4X, IP66
Class I, Zone 1, AEx/Ex db IIB+H2 Gb [SEE TABLE 1], Type 4X, IP66
Zone 21, AEx/Ex tb IIIC Db [SEE TABLE 3], Type 4X, IP66
II 2 G Ex db IIB+H2 Gb [SEE TABLE 1], IP66
II 2 D Ex tb IIIC Db [SEE TABLE 1], IP66

TABLE 1	
T CODE	AMB TEMP RANGE
T6	-50°C TO -40°C
T5	-50°C TO -45°C
T4	-50°C TO -45°C
T3	-50°C TO -45°C
T2	-50°C TO -45°C
T1	-50°C TO -45°C
T0	-50°C TO -45°C

CERT NO. FM24US0209X & FM24CA0056XIECEx FMG 24.0028X, & FM24ATEX0026X
WARNING: DO NOT OPEN WHEN ENERGIZED OR WHEN AN EXPLOSIVE ATMOSPHERE MAY BE PRESENT. Install seal within 18 inches.
WARNING: POTENTIAL ELECTROSTATIC CHARGING HAZARD - SEE INSTRUCTION NOTE FOR BATTERY REPLACEMENT DETAILS-SEE INSTRUCTION
AVERTISSEMENT: NE PAS OUVRIR LORSQU'ENNERGIE OU QUAND UNE ATMOSPHERE EXPLOSIVE PEUT ETRE PRESENTE. Les joints de fermeture sont obligatoires dans une distance de 18 pouces.
AVERTISSEMENT - RISQUE DE CHARGE ELECTROSTATIQUE POTENTIEL - VOIR LES INSTRUCTIONS. REMARQUE: POUR LES DETAILS SUR LE REMPLACEMENT DE LA BATTERIE, VOIR LES INSTRUCTIONS

Wireless Versions



SPECIALIZING IN EXPLOSION PROOF TECHNOLOGY
8935 ALMEDA GENOA RD. HOUSTON, TEXAS 77075 USA
SERIAL: []



MADE IN USA

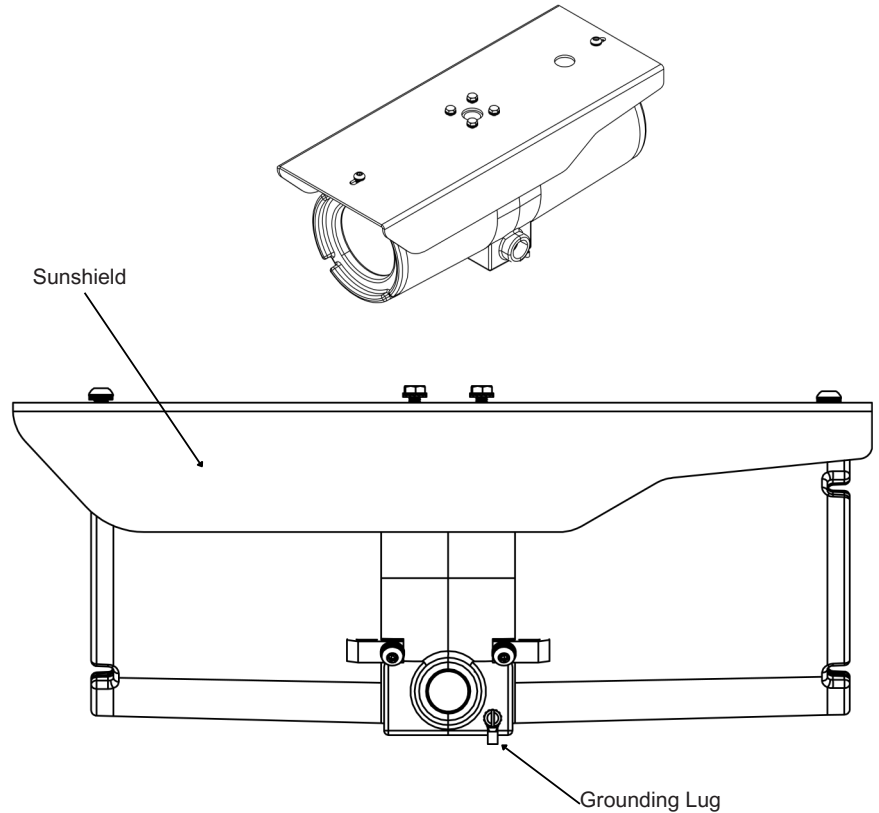
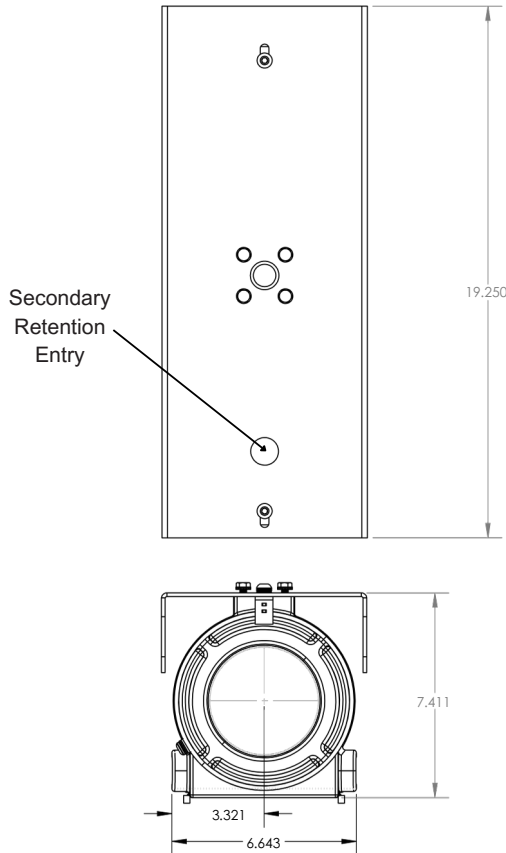


MODEL: F210-X-OC-H6X-B-02-03-RUT241
POE INPUT: N/A;
VAC INPUT: 100-240 VAC, 90W, 50/60 Hz;
VDC INPUT: N/A;

ENTRY [] DEVICE []
US/Canada: Class I Division 1 Groups BCD [SEE TABLE 1], Type 4X, IP66
Class II/III Division 1 Groups EFG [SEE TABLE 2], Type 4X, IP66
Class I, Zone 1, AEx/Ex db mb [Ia Ga] IIB+H2 Gb [SEE TABLE 1], Type 4X, IP66
Zone 21, AEx/Ex mb tb [Ia Da] IIIC Db [SEE TABLE 3], Type 4X, IP66
II 2 (1) G Ex db mb [Ia Ga] IIB+H2 Gb [SEE TABLE 1], IP66
II 2 (1) D Ex mb tb [Ia Da] IIIC Db [SEE TABLE 1], IP66

TABLE 1	
T CODE	AMB TEMP RANGE
T6	-50°C TO -40°C
T5	-50°C TO -45°C
T4	-50°C TO -45°C
T3	-50°C TO -45°C
T2	-50°C TO -45°C
T1	-50°C TO -45°C
T0	-50°C TO -45°C

CERT NO. FM24US0209X & FM24CA0056XIECEx FMG 24.0028X, & FM24ATEX0026X
WARNING: DO NOT OPEN WHEN ENERGIZED OR WHEN AN EXPLOSIVE ATMOSPHERE MAY BE PRESENT. Install seal within 18 inches.
WARNING: POTENTIAL ELECTROSTATIC CHARGING HAZARD - SEE INSTRUCTION NOTE FOR BATTERY REPLACEMENT DETAILS-SEE INSTRUCTION
AVERTISSEMENT: NE PAS OUVRIR LORSQU'ENNERGIE OU QUAND UNE ATMOSPHERE EXPLOSIVE PEUT ETRE PRESENTE. Les joints de fermeture sont obligatoires dans une distance de 18 pouces.
AVERTISSEMENT - RISQUE DE CHARGE ELECTROSTATIQUE POTENTIEL - VOIR LES INSTRUCTIONS. REMARQUE: POUR LES DETAILS SUR LE REMPLACEMENT DE LA BATTERIE, VOIR LES INSTRUCTIONS



Installation Cable & Gland Kits

Suitable for installation in Class I, II, III, Div 1, ABCDEFG IEC - Zone 1/21 IIC, IIIC environments.

The cable gland is supplied pre-installed onto one end of the 3-core cable.



SCS-PWR-CBL-3C-D1-Z1-25 - (25 ft)
SCS-PWR-CBL-3C-D1-Z1-50 - (50 ft)
SCS-PWR-CBL-3C-D1-Z1-100 - (100 ft)
SCS-PWR-CBL-3C-D1-Z1-200 - (200 ft)
SCS-PWR-CBL-3C-D1-Z1-300 - (300 ft)

For additional sizes please contact us at sales@spectrumcamera.com

For use with the 120 / 240 VAC
F200 models only