

Banovision Technology Co. Ltd

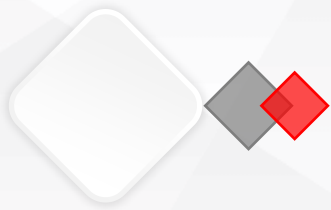
EXPLOSION PROOF SYSTEM

A Professional CCTV Manufacturer over 10 years.

Explosion proof ,Anti corrosion Products

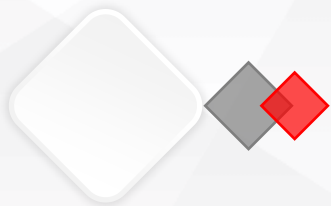
work for Petroleum /Marine/Offshore /Onshoes site
/Coal mine/ Industry Plants.





Ex-proof and CE Certificates





BANOVISION

POPULAR MODELS



BA-EX1032TN

H.265 1/2.9" 2.0Megapixel
SONY CMOS 30X Explosion
proofIP Bullet Camera, Build
in LED array,IR distance 100-
120meters,



BA-EX1090P-20X

H.265 1/2.9" 2.0Megapixel
SONY CMOS 20X Explosion
proofIP PTZ

BA-EX119-N

1/2.8" H.265 2.0Megapixel
WDR SONY CMOS, Support
WDR,2.8MM lens



ExdIICT6/DIP A20,TAT6

BA-EX1032RN

H.265 1/2.8" 2.0Megapixel
WDR SONY CMOS,
SupportWDR,build in
3megapixel 2.8-12mm lens



BA-EX1032RC

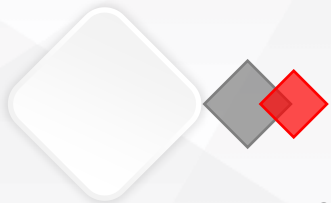
H.265 1/2.8" 2.0Megapixel
WDR SONY CMOS,
SupportWDR,build in
3megapixel 2.8-12mm lens



BA-EX119C-N

1/2.8" H.265 2.0Megapixel
WDR SONY CMOS, Support
WDR





Specification:

BA-EX119Series - (1pc. LED Array) 20M IR Distance Explosion Proof Infrared Camera Housing
Explosion level- Ex d IIC T6 Gb/EX tD A21 IP68 T80°C



Product summary:

EX119 Series are Mini explosion proof camera transmits scenes in the way of video signals. It can be applicable for the circumstances of volatile gas, such as hydrogen(H₂) and hydrocarbon gas in the plant(except C₂H₂)/ Petroleum /Marine /Offshore /Onshore site /Coal mine/ Industry Plants.

The outlook is smooth and cabinet, which makes the product convenient for transportation and installation. Combined with BA-P102 explosion proof Pan/Tilt and BA-J103 explosion proof Decoder, they are composed as the kinetic monitoring of the forehead of the explosion proof industry TV or it is only for fixed monitoring.

Solutions:

BA-EX119-D	BA-EX119-H
<ul style="list-style-type: none">• 1/2.8" Sony IMX290 CMOS• 1945(H) × 1097 (V)• AUTO, 1/25s ~ 1/100000s• 0.001Lux@F1.2(AGC ON), 0Lux IR on• True WDR• 2.8mm fixed lens• Network	<ul style="list-style-type: none">• 1/2.8" Sony IMX355 CMOS• 2592(H) × 1944 (V)• AUTO, 1/25s ~ 1/100000s• 0.01Lux@F1.2(AGC ON), 0Lux IR on• D-WDR• 2.8mm fixed lens• Network

Specification:

BA-EX1032 Series - (4pcs. LED Array) 30M IR Distance

Explosion Proof Infrared Camera Housing

Explosion level- Ex d IIC T6 Gb/EX tD A21 IP68 T80°C



Product summary:

BA-EX1032 explosion proof infrared camera housing transmits scenes in the way of videosignals. BA-EX1032 explosion proof infrared camera can be used under all kinds of explosive gas and dust circumstance, such as hydrogen (H₂) and hydrocarbon (except C₂H₂) and so on

With broad cavity, it has its own infrared lamp with 30m viewing distance. It is applicable for night monitoring and dark place supervising, can be used in the backlight environment or inside (such as: Explosives Depot, gas station, exit of oil wells, chemical workshop, painting workshop). BA-EX1032 explosion proof camera can put a mini-integrated camera, or manually zoom lens by, with an infrared lamp inside. Although BA-EX1032 enclosure has no wiper, there is nanometer paint coat on viewing glass. Besides, it can add sun shield as you required. (The modules you can add: camera module, heating module, cooling module, optical fiber module, and power module and so on.)

Solutions:

BA-EX1032T	BA-EX1032RN	BA-EX1032RN-M	BA-EX1032RN-10X	BA-EX1032RN-HM
<ul style="list-style-type: none">• 1/2.8" Sony IMX307 CMOS• 1945(H) × 1097 (V)• AUTO, 1/25s ~ 1/100000s• 0.001Lux@F1.2(AGC ON), 0Lux IR on• True WDR• 2.8-12mm VF lens• TVI	<ul style="list-style-type: none">• 1/2.8" Sony IMX290 CMOS• 1945(H) × 1097 (V)• AUTO, 1/25s ~ 1/100000s• 0.001Lux@F1.2(AGC ON), 0Lux IR on• True WDR up to 120db• 2.8-12MM VF Lens• Network	<ul style="list-style-type: none">• 1/2.8" Sony IMX290 CMOS• 1945(H) × 1097 (V)• AUTO, 1/25s ~ 1/100000s• 0.001Lux@F1.2(AGC ON), 0Lux IR on• True WDR up to 120db• 2.8-12MM Motorized Lens (4X ZOOM)• Network	<ul style="list-style-type: none">• 1/2.8" Sony IMX290 CMOS• 1945(H) × 1097 (V)• AUTO, 1/25s ~ 1/100000s• 0.001Lux@F1.2(AGC ON), 0Lux IR on• True WDR up to 120db• 10X ZOOM• Network	<ul style="list-style-type: none">• 1/2.8" Sony IMX355 CMOS• 2592(H) × 1944 (V)• AUTO, 1/25s ~ 1/100000s• 0.01Lux@F1.2(AGC ON), 0Lux IR on• D-WDR• 2.8-12mm 4X ZOOM• Network

Specification:

BA-EX1032-F Series - (7pcs LED Array) 80M IR Distance Explosion Proof

Infrared Camera Housing

Explosion level- Ex d IIC T6 Gb/EX tD A21 IP68 T80°C



Product summary:

BA-EX1032F series explosion proof infrared camera housing transmits scenes in the way of videosignals. BA-EX1032F explosion proof infrared camera can be used under all kinds of explosive gas and dust circumstance, such as hydrogen (H₂) and hydrocarbon (except C₂H₂) and so on

With broad cavity, it has its own infrared lamp with 80m viewing distance. It is applicable for night monitoring and dark place supervising, can be used in the backlight environment or inside (such as: Explosives Depot, gas station, exit of oil wells, chemical workshop, painting workshop). BA-EX1032F explosion proof camera can put a mini-integrated camera, or manually zoom lens by, with an infrared lamp inside. Although BA-EX1032F enclosure has no wiper, there is nanometer paint coat on viewing glass. Besides, it can add sun shield as you required. (The modules you can add: camera module, heating module, cooling module, optical fiber module, and power module and so on.)

Solutions:

BA-EX1032-FT	BA-EX103-FN	BA-EX1032-FNM	BA-EX1032D-FN-10X	BA-EX1032FN-HM
<ul style="list-style-type: none">• 1/2.8" Sony IMX307 CMOS• 1945(H) × 1097 (V)• AUTO, 1/25s ~ 1/100000s• 0.001Lux@F1.2(AGC ON), 0Lux IR on• True WDR• 2.8-12mm VF lens• TVI	<ul style="list-style-type: none">• 1/2.8" Sony IMX290 CMOS• 1945(H) × 1097 (V)• AUTO, 1/25s ~ 1/100000s• 0.001Lux@F1.2(AGC ON), 0Lux IR on• True WDR up to 120db• 2.8-12MM VF Lens• Network	<ul style="list-style-type: none">• 1/2.8" Sony IMX290 CMOS• 1945(H) × 1097 (V)• AUTO, 1/25s ~ 1/100000s• 0.001Lux@F1.2(AGC ON), 0Lux IR on• True WDR up to 120db• 2.8-12MM Motorized Lens (4X ZOOM)• Network	<ul style="list-style-type: none">• 1/2.8" Sony IMX290 CMOS• 1945(H) × 1097 (V)• AUTO, 1/25s ~ 1/100000s• 0.001Lux@F1.2(AGC ON), 0Lux IR on• True WDR up to 120db• 10X ZOOM• Network	<ul style="list-style-type: none">• 1/2.8" Sony IMX355 CMOS• 2592(H) × 1944 (V)• AUTO, 1/25s ~ 1/100000s• 0.01Lux@F1.2(AGC ON), 0Lux IR on• D-WDR• 2.8-12mm 4X ZOOM• Network

Specification:

BA-EX1032T Series - (8pcs LED Array) 100M IR Distance Explosion Proof Infrared Camera Housing Explosion level- Ex d IIC T6 Gb/EX tD A21 IP68 T80°C



Product summary:

BA-EX1032T series explosion proof infrared camera housing transmits scenes in the way of videosignals. BA-EX1032T explosion proof infrared camera can be used under all kinds of explosive gas and dust circumstance, such as hydrogen (H₂) and hydrocarbon (except C₂H₂) and so on

With broad cavity, it has its own infrared lamp with 100m viewing distance. It is applicable for night monitoring and dark place supervising, can be used in the backlight environment or inside (such as: Explosives Depot, gas station, exit of oil wells, chemical workshop, painting workshop). BA-EX1032T explosion proof camera can put a mini-integrated camera, or manually zoom lens by, with an infrared lamp inside. Although BA-EX1032T enclosure has no wiper, there is nanometer paint coat on viewing glass. Besides, it can add sun shield as you required. (The modules you can add: camera module, heating module, cooling module, optical fiber module, and power module and so on.)

Solutions:

BA-EX1032-TT	BA-EX1032-TN	BA-EX1032-TNM	BA-EX1032-TN-10X	BA-EX1032TN-HM
<ul style="list-style-type: none">• 1/2.8" Sony IMX307 CMOS• 1945(H) × 1097 (V)• AUTO, 1/25s ~ 1/100000s• 0.001Lux@F1.2(AGC ON), 0Lux IR on• True WDR• 2.8-12mm VF lens• TVI	<ul style="list-style-type: none">• 1/2.8" Sony IMX290 CMOS• 1945(H) × 1097 (V)• AUTO, 1/25s ~ 1/100000s• 0.001Lux@F1.2(AGC ON), 0Lux IR on• True WDR up to 120db• 2.8-12MM VF Lens• Network	<ul style="list-style-type: none">• 1/2.8" Sony IMX290 CMOS• 1945(H) × 1097 (V)• AUTO, 1/25s ~ 1/100000s• 0.001Lux@F1.2(AGC ON), 0Lux IR on• True WDR up to 120db• 2.8-12MM Motorized Lens (4X ZOOM)• Network	<ul style="list-style-type: none">• 1/2.8" Sony IMX290 CMOS• 1945(H) × 1097 (V)• AUTO, 1/25s ~ 1/100000s• 0.001Lux@F1.2(AGC ON), 0Lux IR on• True WDR up to 120db• 10X ZOOM• Network	<ul style="list-style-type: none">• 1/2.8" Sony IMX355 CMOS• 2592(H) × 1944 (V)• AUTO, 1/25s ~ 1/100000s• 0.01Lux@F1.2(AGC ON), 0Lux IR on• D-WDR• 2.8-12mm 4X ZOOM• Network

Specification:

**BA-EX119-C Series - (1pc. LED Array) 20M IR Distance Anti-Corrision /
Explosion Proof Infrared Camera Housing
Explosion level- Ex d IIC T6 Gb/EX tD A21 IP68 T80°C**



Product summary:

EX119-C series is Mini Anti-Corrosion/ explosion proof camera transmits scenes in the way of video signals. It can be applicable for the circumstances of volatile gas, such as hydrogen(H₂) and hydrocarbon gas in the plant(except C₂H₂)/ Petroleum /Marine /Offshore /Onshore site /Coal mine/ Industry Plants.

The outlook is smooth and cabinet, which makes the product convenient for transportation and installation. Combined with BA-P102 explosion proof Pan/Tilt and BA-J103 explosion proof Decoder, they are composed as the kinetic monitoring of the forehead of the explosion proof industry TV or it is only for fixed monitoring.

Solutions:

BA-EX119-CD	BA-EX119-CH
<ul style="list-style-type: none">• 1/2.8" Sony IMX290 CMOS• 1945(H) × 1097 (V)• AUTO, 1/25s ~ 1/1000000s• 0.001Lux@F1.2(AGC ON), 0Lux IR on• True WDR• 2.8mm fixed lens• Network	<ul style="list-style-type: none">• 1/2.8" Sony IMX355 CMOS• 2592(H) × 1944 (V)• AUTO, 1/25s ~ 1/1000000s• 0.01Lux@F1.2(AGC ON), 0Lux IR on• D-WDR• 2.8mm fixed lens• Network

Specification:

BA-EX1032-C Series - (4pcs. LED Array) 30M IR Distance Anti-Corrosion /Explosion Proof Infrared Camera Housing Explosion level- Ex d IIC T6 Gb/EX tD A21 IP68 T80°C



Product summary:

BA-EX1032-C Anti corrosion/explosion proof infrared camera housing transmits scenes in the way of videosignals. BA-EX1032 Anti corrosion/explosion proof infrared camera can be used under all kinds of explosive gas and dust circumstance, such as hydrogen (H₂) and hydrocarbon (except C₂H₂) and so on

With broad cavity, it has its own infrared lamp with 30m viewing distance. It is applicable for night monitoring and dark place supervising, can be used in the backlight environment or inside (such as: Explosives Depot, gas station, exit of oil wells, chemical workshop, painting workshop). BA-EX1032 Anti corrosion /explosion proof camera can put a mini-integrated camera, or manually zoom lens by, with an infrared lamp inside. Although BA-EX1032 enclosure has no wiper, there is nanometer paint coat on viewing glass. Besides, it can add sun shield as you required. (The modules you can add: camera module, heating module, cooling module, optical fiber module, and power module and so on.)

Solutions:

BA-EX1032-CT	BA-EX1032-CRN	BA-EX1032-CRN-M	BA-EX1032-CRN-10X	BA-EX1032-CRN-HM
<ul style="list-style-type: none">• 1/2.8" Sony IMX307 CMOS• 1945(H) × 1097 (V)• AUTO, 1/25s ~ 1/100000s• 0.001Lux@F1.2(AGC ON), 0Lux IR on• True WDR• 2.8-12mm VF lens• TVI	<ul style="list-style-type: none">• 1/2.8" Sony IMX290 CMOS• 1945(H) × 1097 (V)• AUTO, 1/25s ~ 1/100000s• 0.001Lux@F1.2(AGC ON), 0Lux IR on• True WDR up to 120db• 2.8-12MM VF Lens• Network	<ul style="list-style-type: none">• 1/2.8" Sony IMX290 CMOS• 1945(H) × 1097 (V)• AUTO, 1/25s ~ 1/100000s• 0.001Lux@F1.2(AGC ON), 0Lux IR on• True WDR up to 120db• 2.8-12MM Motorized Lens (4X ZOOM)• Network	<ul style="list-style-type: none">• 1/2.8" Sony IMX290 CMOS• 1945(H) × 1097 (V)• AUTO, 1/25s ~ 1/100000s• 0.001Lux@F1.2(AGC ON), 0Lux IR on• True WDR up to 120db• 10X ZOOM• Network	<ul style="list-style-type: none">• 1/2.8" Sony IMX355 CMOS• 2592(H) × 1944 (V)• AUTO, 1/25s ~ 1/100000s• 0.01Lux@F1.2(AGC ON), 0Lux IR on• D-WDR• 2.8-12mm 4X ZOOM• Network

Specification:

BA-EX1090P-20X- Explosion Proof PTZ Dome Camera

Explosion level- Ex d IIC T6 Gb/EX tD A21 IP68 T80°C

Product summary:

EX1090P Series are Anti-Corrosion/ explosion proof camera transmits scenes in the way of video signals.

It can be applicable for the circumstances of volatile gas, such as hydrogen(H₂) and hydrocarbon gas in the plant (except C₂H₂)/ Petroleum /Marine /Offshore/Onshore site /Coal mine/ Industry Plants

The outlook is smooth and cabinet, which makes the product convenient for transportation and installation. Combined with BA-J103 explosion proof Decoder, they are composed as the kinetic monitoring of the forehead of the explosion proof industry TV or it is only for fixed monitoring.



Camera	Encode	LENS	PTZ	PTZ	Network service
<ul style="list-style-type: none">• *1/2.9" SONY323 CMOS• 1920(H) × 1080 (V)• 0.01Lux@F1.2(AGC ON), 0Lux IR on• Digital WDR• 2D/3D DNR• Multi-lines OSD, Motion Detection, Privacy Mask, Mirror	<ul style="list-style-type: none">• Video standard:H.264/H.265• Video Resolution:• Main stream: 1080P@20fps, 720P@30fps;• Sub stream: VGA@360P/CIF@20fps, etc.• Video Birates:500Kbps - 6Mbps, VBR/CB• Audio standard:G.711-u/G.711-a	<ul style="list-style-type: none">• 4.7-94mm,20 times optical zoom, 16 times digital zoom• Zoom Speed:2.7 sec(optics, wide angle- telescoping• View angle: 64.1° - 2.9° (optics, wide angle- telescoping)• Stop number:F1.6-F3.5	<ul style="list-style-type: none">• Horizontal Scanning: support• Power-off Recovery: support• Pan: 0° ~ 360° ; Tilt: -10° ~ 90°• Preset points: 256• Manual control speed:Pan: 0.5° ~60° /s; Tilt: 0.5° ~60° /s• Auto Cruising:8 set,79 presets/set, Time interval adjustable	<ul style="list-style-type: none">• Pattern Scanning:8set, left-right boundary adjustable, scanning speed adjustable• Network service:• PTZ Control protocol: inbuilt multi control protocol, bits rate:2400/4800/9600/19200bps• Network port:1-RJ45, 100Mbps, POE optional	<ul style="list-style-type: none">• IPv4, HTTP, FTP, RTSP, UPnP, DNS, NTP, RTP, TCP,UDP, IGMP, ICMP, ARP,ONVIF)• P2P: Yes• Web:IE , Firefox 32bit esr• Media: CMS. Andriod,IOS• Safe mode: Password protection, multiple user access control

Specification:

BA-EX1090P-36X- Explosion Proof PTZ Dome Camera

Explosion level- Ex d IIC T6 Gb/EX tD A21 IP68 T80°C

Product summary:

EX1090P Series are Anti-Corrosion/ explosion proof camera transmits scenes in the way of video signals.

It can be applicable for the circumstances of volatile gas, such as hydrogen(H₂) and hydrocarbon gas in the plant (except C₂H₂)/ Petroleum /Marine /Offshore/Onshore site /Coal mine/ Industry Plants

The outlook is smooth and cabinet, which makes the product convenient for transportation and installation. Combined with BA-J103 explosion proof Decoder, they are composed as the kinetic monitoring of the forehead of the explosion proof industry TV or it is only for fixed monitoring.



Camera	Encode	LENS	PTZ	PTZ	Network service
<ul style="list-style-type: none">• *1/2.8"SONY335CMOS• 2592(H) × 1944 (V)• 0.01Lux@F1.2(AGC ON), 0Lux IR on• Digital WDR• 2D/3D DNR• Multi-lines OSD, Motion Detection, Privacy Mask, Mirror	<ul style="list-style-type: none">• Video standard:H.264/H.265• Video Resolution:• MainStream:25/30fps @5MP(2592x1944),25/30fps@4MP/3MP,30fps@1080P/720P• Sub stream: D1/VGA(640x480)/360P/QVGA@25fps.• Video Bitrate:500Kbps - 6Mbps, VBR/CB• Audio standard:G.711-u/G.711-a	<ul style="list-style-type: none">• 36x, f=4.6mm-167mm• Zoom Speed:2.7 sec(optics, wide angle- telescoping• View angle: 64.1° - 2.9° (optics, wide angle- telescoping)• Stop number:F1.6-F3.5	<ul style="list-style-type: none">• Horizontal Scanning: support• Power-off Recovery: support• Pan: 0° ~ 360° ; Tilt: -10° ~ 90°• Preset points: 256• Manual control speed:Pan: 0.5° ~60° /s; Tilt: 0.5° ~60° /s• Auto Cruising:8 set,79 presets/set, Time interval adjustable	<ul style="list-style-type: none">• Pattern Scanning:8set, left-right boundary adjustable, scanning speed adjustable• Network service:• PTZ Control protocol: inbuilt multi control protocol, bits rate:2400/4800/9600/19200bps• Network port:1-RJ45, 100Mbps, POE optional	<ul style="list-style-type: none">• IPv4, HTTP, FTP, RTSP, UPnP, DNS, NTP, RTP, TCP,UDP, IGMP, ICMP, ARP,ONVIF)• P2P: Yes• Web:IE , Firefox 32bit esr• Media: CMS. Android,IOS• Safe mode: Password protection, multiple user access control

Specification:

BA-EX1090RP-36X- Explosion Proof PTZ Dome Camera

Explosion level- Ex d IIC T6 Gb/EX tD A21 IP68 T80°C

Product summary:

EX1090RP Series are IR Anti-Corrosion/ explosion proof camera transmits scenes in the way of video signals.

It can be applicable for the circumstances of volatile gas, such as hydrogen(H₂) and hydrocarbon gas in the plant (except C₂H₂)/ Petroleum /Marine /Offshore/Onshore site /Coal mine/ Industry Plants

The outlook is smooth and cabinet, which makes the product convenient for transportation and installation. Combined with BA-J103 explosion proof Decoder, they are composed as the kinetic monitoring of the forehead of the explosion proof industry TV or it is only for fixed monitoring.



Camera	Encode	LENS	PTZ	PTZ	Network service
<ul style="list-style-type: none">• *1/2.9" SONY323 CMOS• 1920(H) × 1080 (V)• 0.01Lux@F1.2(AGC ON), 0Lux IR on• Digital WDR• 2D/3D DNR• Multi-lines OSD, Motion Detection, Privacy Mask, Mirror	<ul style="list-style-type: none">• Video standard:H.264/H.265• Video Resolution:• Main stream: 1080P@20fps, 720P@30fps;• Sub stream: VGA@360P/CIF@20fps, etc.• Video Bitrates:500Kbps - 6Mbps, VBR/CB• Audio standard:G.711-u/G.711-a	<ul style="list-style-type: none">• 4.7-94mm,20 times optical zoom, 16 times digital zoom• Zoom Speed:2.7 sec(optics, wide angle- telescoping• View angle: 64.1° - 2.9° (optics, wide angle- telescoping)• Stop number:F1.6-F3.5	<ul style="list-style-type: none">• Horizontal Scanning: support• Power-off Recovery: support• Pan: 0° ~ 360° ; Tilt: -10° ~ 90°• Preset points: 256• Manual control speed:Pan: 0.5° ~60° /s; Tilt: 0.5° ~60° /s• Auto Cruising:8 set,79 presets/set, Time interval adjustable	<ul style="list-style-type: none">• Pattern Scanning:8set, left-right boundary adjustable, scanning speed adjustable• Network service:• PTZ Control protocol: inbuilt multi control protocol, bits rate:2400/4800/9600/19200bps• Network port:1-RJ45, 100Mbps, POE optional	<ul style="list-style-type: none">• IPv4, HTTP, FTP, RTSP, UPnP, DNS, NTP, RTP, TCP,UDP, IGMP, ICMP, ARP,ONVIF)• P2P: Yes• Web:IE , Firefox 32bit esr• Media: CMS. Android,IOS• Safe mode: Password protection, multiple user access control

Specification:

BA-EX1090RP-36X- Explosion Proof PTZ Dome Camera

Explosion level- Ex d IIC T6 Gb/EX tD A21 IP68 T80°C

Product summary:

EX1090RP Series are IR Anti-Corrosion/ explosion proof camera transmits scenes in the way of video signals.

It can be applicable for the circumstances of volatile gas, such as hydrogen(H₂) and hydrocarbon gas in the plant (except C₂H₂)/ Petroleum /Marine /Offshore/Onshore site /Coal mine/ Industry Plants

The outlook is smooth and cabinet, which makes the product convenient for transportation and installation. Combined with BA-J103 explosion proof Decoder, they are composed as the kinetic monitoring of the forehead of the explosion proof industry TV or it is only for fixed monitoring.



Camera	Encode	LENS	PTZ	PTZ	Network service
<ul style="list-style-type: none">• *1/2.8" SONY335 CMOS• 2592(H) × 1944 (V)• 0.01Lux@F1.2(AGC ON), 0Lux IR on• Digital WDR• 2D/3D DNR• Multi-lines OSD, Motion Detection, Privacy Mask, Mirror	<ul style="list-style-type: none">• Video standard:H.264/H.265• Video Resolution:• MainStream:25/30fps @5MP(2592x1944),25/30fps@4MP/3MP,30fps@1080P/720P• Sub stream: D1/VGA(640x480)/360P/QVGA@25fps.• Video Bitrate:500Kbps - 6Mbps, VBR/CB• Audio standard:G.711-u/G.711-a	<ul style="list-style-type: none">• 36x, f=4.6mm-167mm• Zoom Speed:2.7 sec(optics, wide angle- telescoping• View angle: 64.1° - 2.9° (optics, wide angle- telescoping)• Stop number:F1.6-F3.5	<ul style="list-style-type: none">• Horizontal Scanning: support• Power-off Recovery: support• Pan: 0° ~ 360° ; Tilt: -10° ~ 90°• Preset points: 256• Manual control speed:Pan: 0.5° ~60° /s; Tilt: 0.5° ~60° /s• Auto Cruising:8 set,79 presets/set, Time interval adjustable	<ul style="list-style-type: none">• Pattern Scanning:8set, left-right boundary adjustable, scanning speed adjustable• Network service:• PTZ Control protocol: inbuilt multi control protocol, bits rate:2400/4800/9600/19200bps• Network port:1-RJ45, 100Mbps, POE optional	<ul style="list-style-type: none">• IPv4, HTTP, FTP, RTSP, UPnP, DNS, NTP, RTP, TCP,UDP, IGMP, ICMP, ARP,ONVIF)• P2P: Yes• Web:IE , Firefox 32bit esr• Media: CMS. Android,IOS• Safe mode: Password protection, multiple user access control

Specification:

BA-EX1670P- Explosion Proof PTZ Dome Camera Explosion level- Ex d IIC T6 Gb/EX tD A21 IP68 T80°C

Product summary:

EX1670 Series are Anti-Corrosion/ explosion proof camera transmits scenes in the way of video signals.

It can be applicable for the circumstances of volatile gas, such as hydrogen(H₂) and hydrocarbon gas in the plant (except C₂H₂)/ Petroleum /Marine /Offshore/Onshore site /Coal mine/ Industry Plants

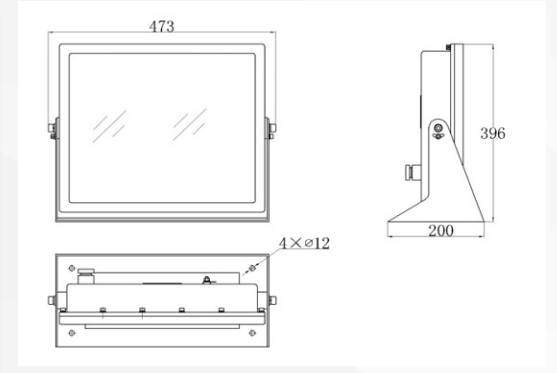
The outlook is smooth and cabinet, which makes the product convenient for transportation and installation. Combined with BA-J103 explosion proof Decoder, they are composed as the kinetic monitoring of the forehead of the explosion proof industry TV or it is only for fixed monitoring.



Camera	Encode	LENS	PTZ	PTZ	Network service
<ul style="list-style-type: none">• *1/2.9" SONY323 CMOS• 1920(H) × 1080 (V)• 0.01Lux@F1.2(AGC ON), 0Lux IR on• Digital WDR• 2D/3D DNR• Multi-lines OSD, Motion Detection, Privacy Mask, Mirror	<ul style="list-style-type: none">• Video standard:H.264/H.265• Video Resolution:• Main stream: 1080P@20fps, 720P@30fps;• Sub stream: VGA@ 360P/CIF@20fps, etc.• Video Birates:500Kbps - 6Mbps, VBR/CB• Audio standard:G.711-u/G.711-a	<ul style="list-style-type: none">• 20x, f=4.6mm-167mm• Zoom Speed:2.7 sec(optics, wide angle- telescoping• View angle: 64.1° - 2.9° (optics, wide angle- telescoping)• Stop number:F1.6-F3.5	<ul style="list-style-type: none">• Horizontal Scanning: support• Power-off Recovery: support• Pan: 0° ~ 360° ; Tilt: -10° ~ 90°• Preset points: 256• Manual control speed:Pan: 0.5° ~60° /s; Tilt: 0.5° ~60° /s• Auto Cruising:8 set,79 presets/set, Time interval adjustable	<ul style="list-style-type: none">• Pattern Scanning:8set, left-right boundary adjustable, scanning speed adjustable• Network service:• PTZ Control protocol: inbuilt multi control protocol, bits rate:2400/4800/9600/19200bps• Network port:1-RJ45, 100Mbps, POE optional	<ul style="list-style-type: none">• IPv4, HTTP, FTP, RTSP, UPnP, DNS, NTP, RTP, TCP,UDP, IGMP, ICMP, ARP,ONVIF)• P2P: Yes• Web:IE , Firefox 32bit esr• Media: CMS. Andriod,IOS• Safe mode: Password protection, multiple user access control

Specification:

BA-EX500M- Explosion Proof Monitor Explosion level- Ex d IIC T6 Gb/EX tD A21 IP68 T80°C



Product summary:

The EX500M explosion-proof monitor is designed with a full stainless steel casing. The panel is made of 15MM tempered flat glass and built-in Korean high-definition LCD monitor movement. It is an essential product for explosion-proof on-site monitoring. Its appearance has changed the situation that the monitor can only be placed in a non-explosion-proof area, and it can provide users with clear and intuitive monitoring pictures in the dangerous explosion-proof area, which greatly improves the flexibility of system configuration. With VAG interface and standard video interface, support NTSC and PAL system, compatible with common monitoring output devices.

The EX500M explosion-proof monitor has a reasonable design of the fixed base, which can realize various installation methods such as platform placement, wall mounting and lifting.

Model		BA-EX500M	
Indiators		LCD	
Air Pressure	80Kpa~106KPa	Screen size	17 inches, TFT
Ambient Temperature	.-25° C to +60° C	Screen ratio	0.17
Relative humidity	no more than 95% (+25 ° C)	Point distance	0.264x0.264
Explosion level	ExdIIB T6/DIP A20,TA T6	Resolution	1280x1024
Manufacturing material	304SS/316L stainless steel	Brightness	300cdm 2
Protection level	IP66	Contrast ratio	29.17
Number of outlet holes	2 G3/4	Color	16.2 million colors
Installation method	vertical placement, wall mounting, lifting	Field of view	176°
Working voltage	AC85V~265V (or custom other voltage specifications)	Line frequency	31.5-60KHz
Working current	≤4A	Field frequency	56-75Hz without flicker
Input signal	75Ω		
Other internal interfaces	RGB analog input 15 pin D SUB, S-VHS input 4-pin mini DIN		

Specification:

BA-EX500- Explosion proof Infrared Lamp

Explosion level- Ex d IIC T6 Gb/EX tD A21 IP68 T80°C

Product summary:

The EX500 explosion proof infrared lamp is applicable for the circumstances of volatile gas, such as hydrogen (H₂) and hydrocarbon gas in the plants (except C₂H₂) . This infrared lamp is compatible with sense of infrared cameras in the markets.
BA-EX01B Explosion proof bracket (for fixed)

Product Parameter:

Ex-proof Marking :Ex d IIC T6 Gb/EX tD A21 IP68 T80°C

Enclosure Protection: IP68

Operating Temperature : -25° c~+60° c

Material: SS304 (chemical factories, outdoors and so on)

SS316L (sea environment, oil tankers and so on)

Input Voltage: 85VAC~265VAC 50Hz

Current: ≤250mA;

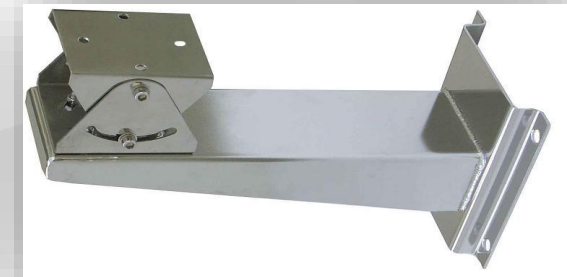
Infrared Wave Length: 850nm/940nm

View Distance : 30~100m

View Angle: 15 °~60° (optional)

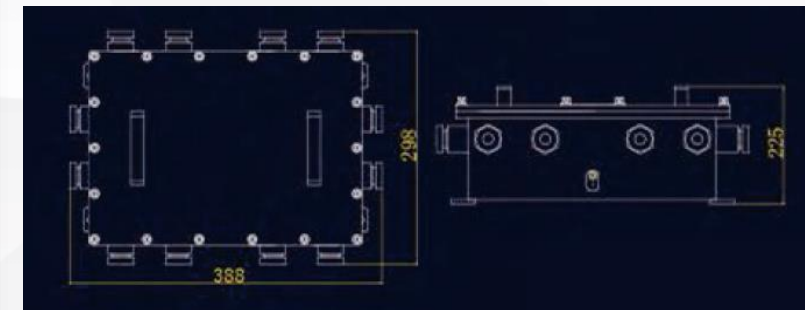
Outer Dimension: φ125mm×220mm

Net Weight: 5Kg



Specification:

BA-EX01EB Series- Explosion Proof BOX for NVR/DVR
Explosion level- Ex d IIC T6 Gb/EX tD A21 IP68 T80°C

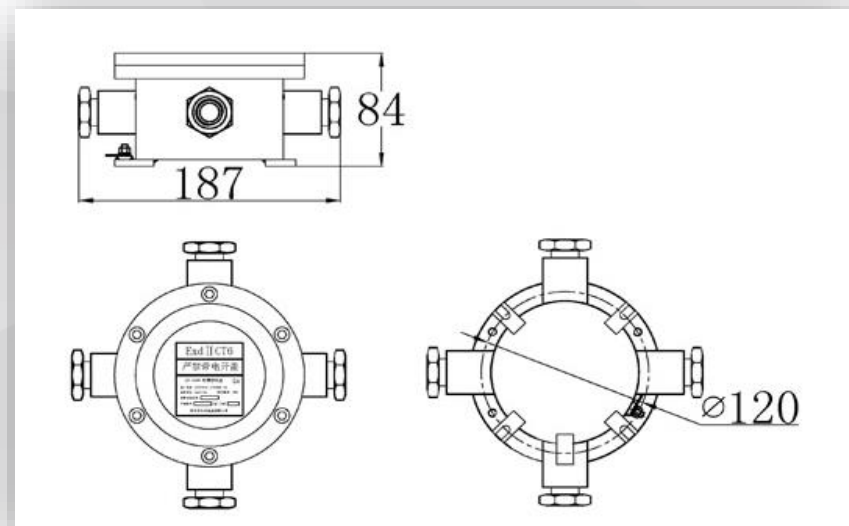


Box					
Certificate	Certificate Level	ExdII B(+H2)T6 GB/DIP A20 TA, T6	Ambient	Ambient temperature	.-25 to +60°C
	Certificate No	CNEx13.4245		Air pressure	80Kpa to 106Kpa
Mechanical	Housing	Stainless steel 304 or 316L		Relative Humidity	≤95% (no condensation)
	Protection level	IP66	Size	BA-EX01EB-1	Inner: 240*210*100mm
	Cable thread hole	6pcs G3/4 or NPT3/4		BA-EX01EB-2	Inner: 300*200*105mm
Electrical	Voltage	AC85V~AC265V		BA-EX01EB-3	Inner: 400*300*200mm
	Current	≤500mA	DVR Model		
	Power	≤50W	BA-1D5108HC	BA-1D5116HC	BA=1D6108V2
	Surge Protect	Optional, TVS6000V surge protect	NVR Model		
	Optical Fiber output	Optional, multimode or single mode	BA-1N3108L	BA-1N3216	BA-1N3232
	Fiber distance	25km			

Specification:

BA-EX04JB - Explosion Proof Junction box for controlling equipment

Explosion level- Ex d IIC T6 Gb/EX tD A21 IP68 T80°C



BA-EX04JB ex-proof junction box is an attached part of the front-end ex-proof controlling equipment. It is mainly used for BA-EX04JB can be applied in the explosive gas atmosphere, like zone1 and zone2 with IIA, IIB and IIC.

Junction Box

Certificate	Certificate Level	ExdII CT6 Gb/ Ex tD A21 IP68 T80°C	Ambient	Ambient temperature	.-25 to +60°C
	Certificate No	CNEx16.1481		Ambient temperature	.-25 to +60°C
Mechanical	Housing	Stainless steel 304 or 316L	Ambient	Air pressure	80Kpa to 106Kpa
	Protection level	IP68		Relative Humidity	≦ 95% (no condensation)
	Cable thread hole	4pcs G3/4 or NPT3/4		Overall size	Φ187*84mm
Electrical	Voltage	AC85V~AC265V	General	Inner size	Φ100*75mm
	Current	≦3A		Weight	3.5kg

Specification:

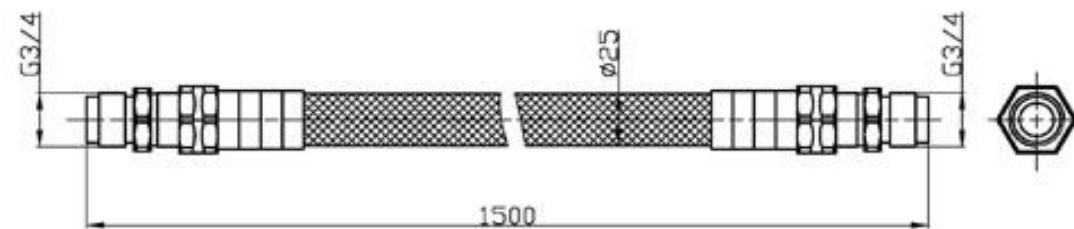
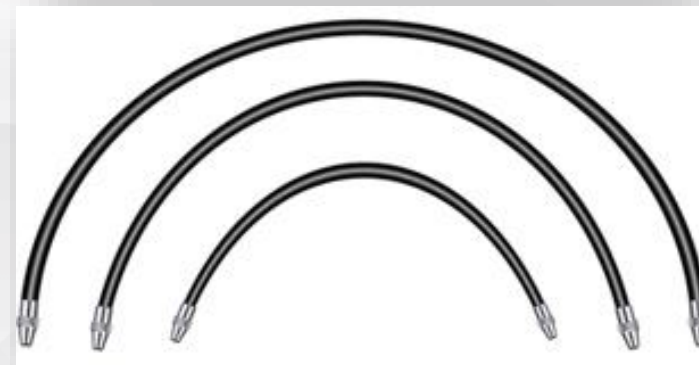
EAC100- Explosion Proof TUBE

Explosion level - Ex d IIC T6 Gb/EX tD A21 IP68 T80°C

Product summary:

Explosion-proof flexible pipe is an essential explosion-proof monitoring device. It is used for the connection of explosion-proof product tail wire and galvanized steel pipe. The hydraulic pipe can provide strong protection and is widely used in the environment with flammable and explosive gas and dust

Connector Material	Carbon Steel or Stainless steel 304 or 316L
Connector size	G3/4
Certificate Mark	Ex e IIC Gb
IP	IP68
Ambient temperature	-25 to +60°C
Air pressure	80Kpa to 106Kpa
Relative Humidity	≤95% (no condensation)
Length	1m, 1.5m, 2m



Specification:

BA-EX01B - Explosion Proof bracket for fixed all bullet/LED

Explosion level- Ex d IIC T6 Gb/EX tD A21 IP68 T80°C

The BA-EX01B fixed stand forms through the cold rolling steel plate.

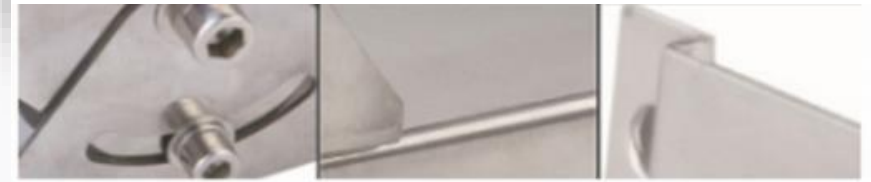
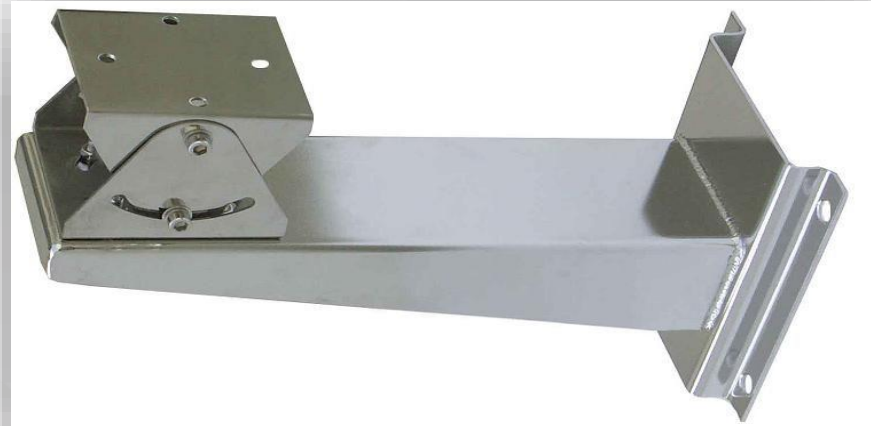
It is a light stand.

It is used for fixed supervising on-the-spot.

The supervising system consisting of BA-EX10B half-fixed stand and install BA-EX1032 series Explosion-proof Camera directly.

Material: 304 /316L

Load capacity: 60kg





PROJECTS WE DONE:



**Oil and gas storage tanks at Port
Aberdeen, Scotland**



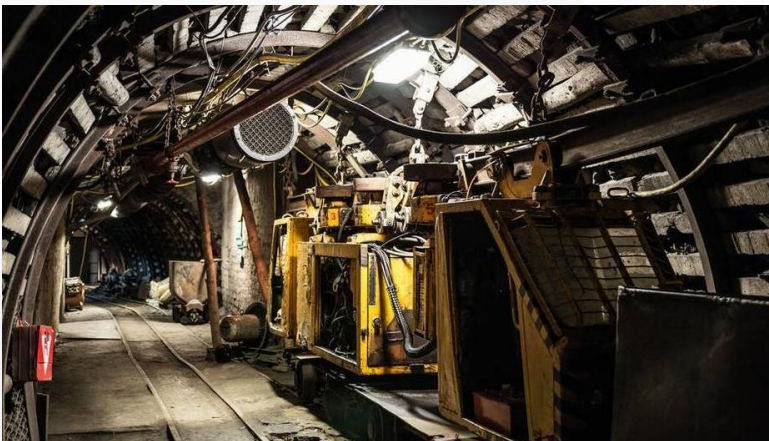
Cargo ships, tankers on Philippine



QINGHAI PORT



Underground mine in Chile,Turkey



Karamay Oilfield,Xinjiang,CHINA



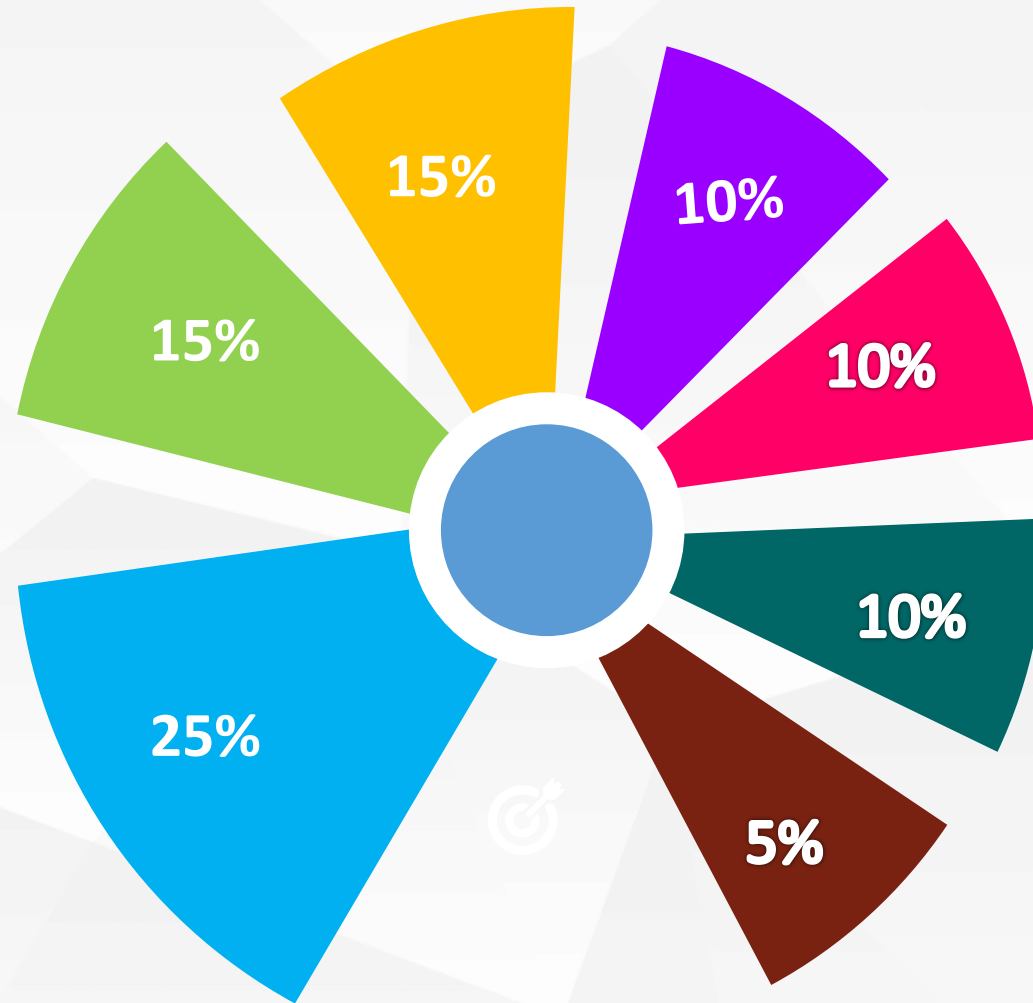
Steelworks on Shanghai, China

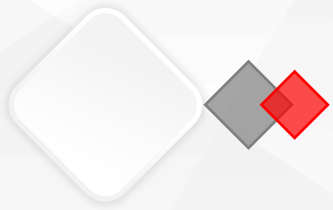




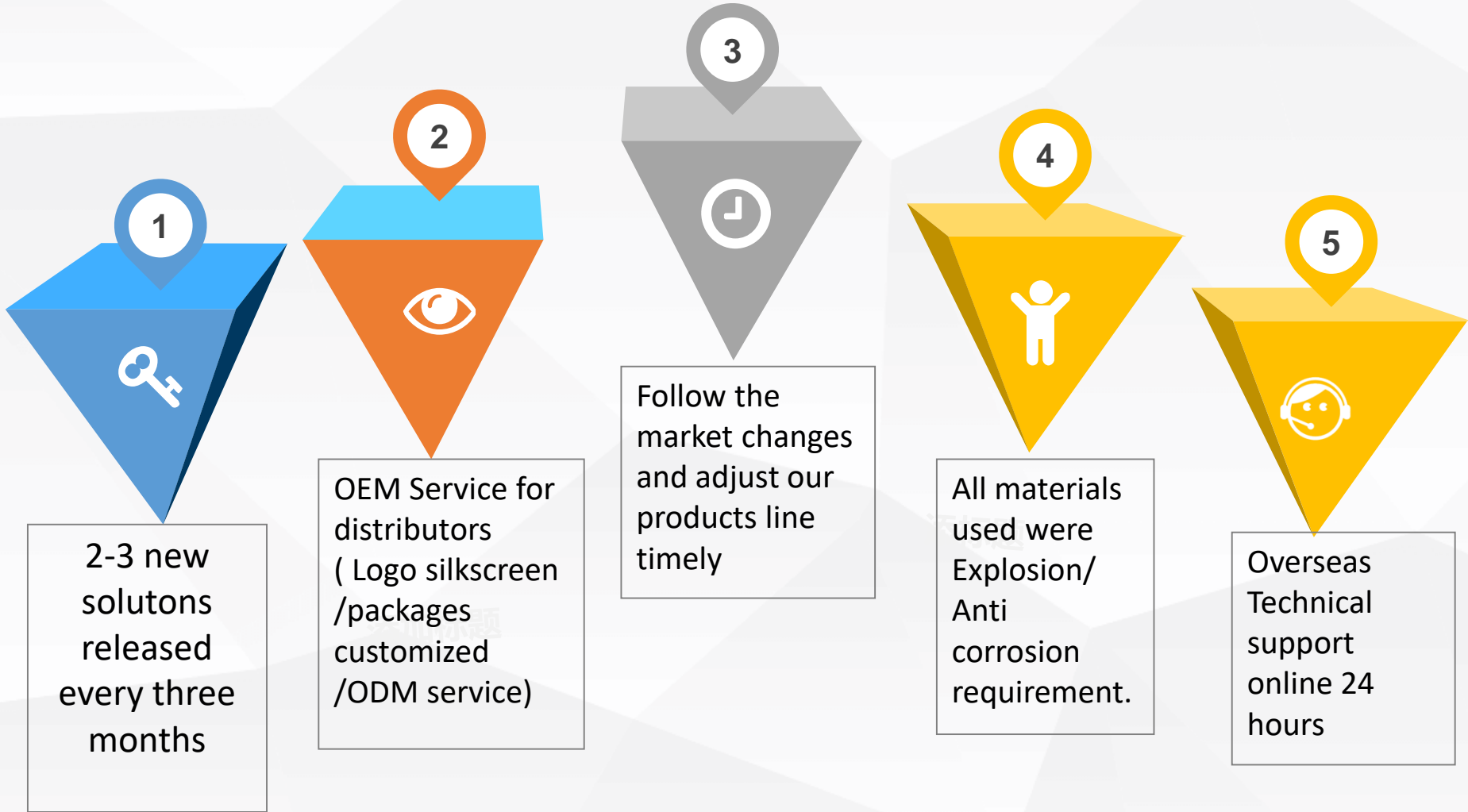
Market Share

- USA
- Iran
- Poland
- Germany
- Spain
- Middle East
- Russia





What We Do for Our Customers





Corporate Culture

We provide the best way to your business.





Thank you!

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