

# AI-Analytics Box Catalog

| No. | Item                                                        | Model      | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Channel |
|-----|-------------------------------------------------------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 1   | 8-channel AI-Analytics Box                                  | 8-Ch-AIC6  | <ul style="list-style-type: none"> <li><b>AI-Analytics Box</b> with analytics functions <b>categories 1-6</b></li> <li><b>CPU:</b> AX 630, Memory: 16GB DDR4, Storage: 32GBeMMC</li> <li><b>Video Decoding Type:</b> H.264/H.265, support maximum 8MP IPC</li> <li><b>Video Channel:</b> 8CH</li> <li><b>Interface:</b> 2 x 100M/1000M Adaptive Ethernet RJ45, 4 x Dry Contact Alarm Input/Output, 1x Audio Input/Output, 3 x USB2.0, 1x USB3.0, 2 x RS485</li> <li><b>Power Supply:</b> DC12V±10%, 2A</li> <li><b>Dimension:</b> 229x 193 x 49 (mm)</li> </ul>       | 8CH     |
| 2   | 8-channel AI-Analytics Box with Workplace Safety Algorithm  | 8-Ch-AIC7  | <ul style="list-style-type: none"> <li><b>AI-Analytics Box</b> with analytics functions <b>categories 1-7</b></li> <li><b>CPU:</b> AX 630, Memory: 16GB DDR4, Storage: 32GBeMMC</li> <li><b>Video Decoding Type:</b> H.264/H.265, support maximum 8MP IPC</li> <li><b>Video Channel:</b> 8CH</li> <li><b>Interface:</b> 2 x 100M/1000M Adaptive Ethernet RJ45, 4 x Dry Contact Alarm Input/Output, 1x Audio Input/Output, 3 x USB2.0, 1x USB3.0, 2 x RS485</li> <li><b>Power Supply:</b> DC12V±10%, 2A</li> <li><b>Dimension:</b> 229x 193 x 49 (mm)</li> </ul>       | 8CH     |
| 3   | 8-channel AI-Analytics Box with Open Kitchen and Stove      | 8-Ch-AIC8  | <ul style="list-style-type: none"> <li><b>AI-Analytics Box</b> with analytics functions <b>categories 1-6&amp;8</b></li> <li><b>CPU:</b> AX 630, Memory: 16GB DDR4, Storage: 32GBeMMC</li> <li><b>Video Decoding Type:</b> H.264/H.265, support maximum 8MP IPC</li> <li><b>Video Channel:</b> 8CH</li> <li><b>Interface:</b> 2 x 100M/1000M Adaptive Ethernet RJ45, 4 x Dry Contact Alarm Input/Output, 1x Audio Input/Output, 3 x USB2.0, 1x USB3.0, 2 x RS485</li> <li><b>Power Supply:</b> DC12V±10%, 2A</li> <li><b>Dimension:</b> 229x 193 x 49 (mm)</li> </ul> | 8CH     |
| 4   | 8-channel AI-Analytics Box with Community Algorithm         | 8-Ch-AIC9  | <ul style="list-style-type: none"> <li><b>AI-Analytics Box</b> with analytics functions <b>categories 1-6&amp;9</b></li> <li><b>CPU:</b> AX 630, Memory: 16GB DDR4, Storage: 32GBeMMC</li> <li><b>Video Decoding Type:</b> H.264/H.265, support maximum 8MP IPC</li> <li><b>Video Channel:</b> 8CH</li> <li><b>Interface:</b> 2 x 100M/1000M Adaptive Ethernet RJ45, 4 x Dry Contact Alarm Input/Output, 1x Audio Input/Output, 3 x USB2.0, 1x USB3.0, 2 x RS485</li> <li><b>Power Supply:</b> DC12V±10%, 2A</li> <li><b>Dimension:</b> 229x 193 x 49 (mm)</li> </ul> | 8CH     |
| 5   | 16-channel AI-Analytics Box                                 | 16-Ch-AIC6 | <ul style="list-style-type: none"> <li><b>AI-Analytics Box</b> with analytics functions <b>categories 1-6</b></li> <li><b>CPU:</b> AX 630, Memory: 16GB DDR4, Storage: 32GBeMMC</li> <li><b>Video Decoding Type:</b> H.264/H.265, support maximum 8MP IPC</li> <li><b>Video Channel:</b> 16CH</li> <li><b>Interface:</b> 2 x 100M/1000M Adaptive Ethernet RJ45, 4 x Dry Contact Alarm Input/Output, 1x Audio Input/Output, 3 x USB2.0, 1x USB3.0, 2 x RS485</li> <li><b>Power Supply:</b> DC12V±10%, 2A</li> <li><b>Dimension:</b> 229x 193 x 49 (mm)</li> </ul>      | 16CH    |
| 6   | 16-channel AI-Analytics Box with Workplace Safety Algorithm | 16-Ch-AIC7 | <ul style="list-style-type: none"> <li><b>AI-Analytics Box</b> with analytics functions <b>categories 1-7</b></li> <li><b>CPU:</b> AX 630, Memory: 16GB DDR4, Storage: 32GBeMMC</li> <li><b>Video Decoding Type:</b> H.264/H.265, support maximum 8MP IPC</li> <li><b>Video Channel:</b> 16CH</li> <li><b>Interface:</b> 2 x 100M/1000M Adaptive Ethernet RJ45, 4 x Dry Contact Alarm Input/Output, 1x Audio Input/Output, 3 x USB2.0, 1x USB3.0, 2 x RS485</li> <li><b>Power Supply:</b> DC12V±10%, 2A</li> <li><b>Dimension:</b> 229x 193 x 49 (mm)</li> </ul>      | 16CH    |

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| 7   | 16-channel AI-Analytics Box with Open Kitchen and Stove | 16-Ch-AIC8 | <ul style="list-style-type: none"> <li><b>AI-Analytics Box</b> with analytics functions <b>categories 1-6&amp;8</b></li> <li><b>CPU:</b> AX 630, Memory: 16GB DDR4, Storage: 32GBeMMC</li> <li><b>Video Decoding Type:</b> H.264/H.265, support maximum 8MP IPC</li> <li><b>Video Channel:</b> 16CH</li> <li><b>Interface:</b> 2 x 100M/1000M Adaptive Ethernet RJ45, 4 x Dry Contact Alarm Input/Output, 1x Audio Input/Output, 3 x USB2.0, 1x USB3.0, 2 x RS485</li> <li><b>Power Supply:</b> DC12V±10%, 2A</li> <li><b>Dimension:</b> 229x 193 x 49 (mm)</li> </ul> | 16CH    |
| 8   | 16-channel AI-Analytics Box with Community Algorithm    | 16-Ch-AIC9 | <ul style="list-style-type: none"> <li><b>AI-Analytics Box</b> with analytics functions <b>categories 1-6&amp;9</b></li> <li><b>CPU:</b> AX 630, Memory: 16GB DDR4, Storage: 32GBeMMC</li> <li><b>Video Decoding Type:</b> H.264/H.265, support maximum 8MP IPC</li> <li><b>Video Channel:</b> 16CH</li> <li><b>Interface:</b> 2 x 100M/1000M Adaptive Ethernet RJ45, 4 x Dry Contact Alarm Input/Output, 1x Audio Input/Output, 3 x USB2.0, 1x USB3.0, 2 x RS485</li> <li><b>Power Supply:</b> DC12V±10%, 2A</li> <li><b>Dimension:</b> 229x 193 x 49 (mm)</li> </ul> | 16CH    |

## \* Remarks:

### Channel Calculation

Each channel contains one camera with up to four (4) analytics function under same category.

Use Case (1): One camera with our functions of same category = 1 channel

Use Case (2): One camera with only one function = 1 channel

Use Case (3): Two camera with four functions of same category = 2 channels

Use Case (4): One camera with four functions under four different category = 4 channels

### Analytics Functions Categories:

**Category (1) - (Facial Recognition)** Facial Recognition

**Category (2)- (Structuring Analysis)** Motor Vehicle Recognition, License Plate Capturing, Vehicle - License Binding

**Category (3)- (Perimeter Alarm)** No Parking Detection, Vehicle Departure, People Loitering, Over the Wall Detection, Intrusion, Border Crossing

**Category (4)-(SOP Reinforcement)** Running, Falling, Smoking, Leaving the Post, Exceeding number of staff on duty, Insufficient number of staff on duty, gathering, personnel physical fight

**Category (5)-(Object Alarm)** Objects Piled Up, Items left Behind, Guarding of items

**Category (6)-(People counting)** People Counting in area, People Counting in Entrance and Exit

**Category (7)- (Workplace Safety)** Helmet, Safety Vest, Safety Belt, Smoke, Flames, Liquid Detection, Mark Detection, Fire Facility Inspection

**Category (8)-(Open Kitchen and Stove)** Rat Detection, Trash Can Lid Uncovered Detection, Mask Detection

**Category (9)-(Community Algorithm)** Obet thrown from height, Flame & Smoke Detection, Overflowing Garbage, Exposed Garbage