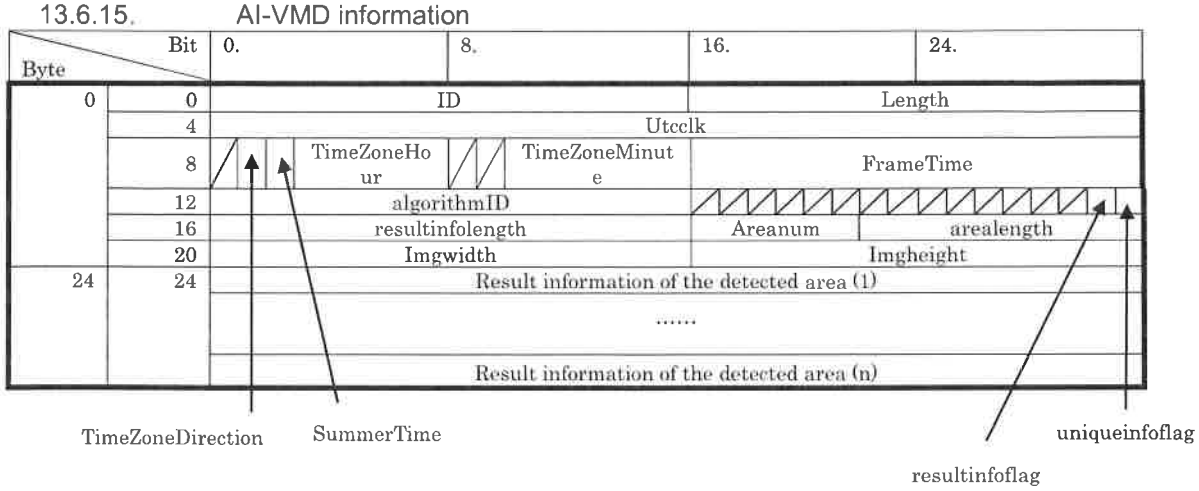
13.6.15. AI-VMD information



Parameter name	length(Bit)	Values and comments
ID	16	0x002F (fixed)
Length	16	Total data length of the i-VMD information (Include 'ID(2byte)' and 'Length(2byte)') (Unit of byte)
Utcclk	32	The career second from 1970 (UTC clock) of the i-VMD detection information.
TimeZoneDirection	1	The direction of time zone 0 (b) : positive value 1 (b) : negative value
SummerTime	1	0x00 :Not daylight saving time 0x01 :Daylight saving time (Summer time)
TimeZoneHour	5	Time zone (hour) 0x00: 0hours, 0x01: 1hours, 0x02: 2hours, 0x03: 3hours 0x04: 4hours, 0x05: 5hours, 0x06: 6hours, 0x07: 7hours 0x08: 8hours, 0x09: 9hours, 0x0a: 10hours, 0x0b: 11hours 0x0c: 12hours, 0x0d: 13hours, 0x0e: 14hours, 0x0f: 15hours 0x10: 16hours, 0x11: 17hours, 0x12: 18hours, 0x13: 19hours 0x14: 20hours, 0x15: 21hours, 0x16: 22hours, 0x17: 23hours
TimeZoneMinute	6	Time zone (minute) 0x00: 0minutes, 0x01: 1minutes, 0x02: 2minutes, ... , 0x39: 57minutes, 0x3a: 58minutes, 0x3b: :59minutes
FrameTime	16	Millisecond (Unit of 10 milliseconds) of the i-VMD detection information. 0x0000: 0 millisecond, 0x0001: 10 milliseconds, ... 0x0062: 980 milliseconds, 0x0063: 990milliseconds
algorithmID	16	0x0000 (fixed)
resultinfoflag	1	Result information flag 0 (b): Not include the result information 1 (b): Include the unique information
uniqueinfoflag	1	0 (b) (fixed)
resultinfolength	16	Length of the Result information (Unit of byte)
Areanum	6	The number of the i-VMD detection Maximum: 0x08
arealength	10	The data length of a result information in each i-VMD detection. (Unit of byte)
Imgwidth	16	Width of the image for the i-VMD detection
Imgheight	16	Height of the image for the i-VMD detection

Each result information of the detected frame

Byte	Bit	0.		8.	16.	24.
0	0	areaID			dtctarea	
	4	almtype	dir	almobj		
	8	Hstart			Vstart	
	12	Hcnt			Vcnt	

Parameter value	length(Bit)	Values and comments
areaID	16	ID of the detected frame 0 to 65535
dtctarea	16	0x0001 : Detection program 1 - Detection area 1 0x0002 : Detection program 1 - Detection area 2 0x0004 : Detection program 1 - Detection area 3 0x0008 : Detection program 1 - Detection area 4 0x0010 : Detection program 1 - Detection area 5 0x0020 : Detection program 1 - Detection area 6 0x0040 : Detection program 1 - Detection area 7 0x0080 : Detection program 1 - Detection area 8 0x0100 : Detection program 2 - Detection area 1 0x0200 : Detection program 2 - Detection area 2 0x0400 : Detection program 2 - Detection area 3 0x0800 : Detection program 2 - Detection area 4 0x1000 : Detection program 2 - Detection area 5 0x2000 : Detection program 2 - Detection area 6 0x4000 : Detection program 2 - Detection area 7 0x8000 : Detection program 2 - Detection area 8
almtype	4	Alarm status 0x01: Intruder detection 0x02: Loitering detection 0x03: Direction detection 0x05: Cross line detection 0x0F: Not alarmed
dir	4	Direction for Direction detection/Cross line detection 0x01 : Up 0x02 : Up-Right 0x03 : Right 0x04 : Down-Right 0x05 : Down 0x06 : Down-Left 0x07 : Left 0x08 : Up-Left 0x09 : A→B 0x0a : B→A 0x0b : A⇔B 0x00 : Not alarmed
almobj	8	Alarmed object 0x01 : Human 0x02 : Vehicle 0x03 : Bicycle
Hstart	16	X coordinate (Upper left) of the rectangle for the i-VMD object in 320x240 resolution.
Vstart	16	Y coordinate (Upper left) of the rectangle for the i-VMD object in 320x240 resolution.
Hcnt	16	Width of the rectangle for the i-VMD object (Horizontal) in 320x240 resolution

Vcnt	16	Height of the rectangle for the i-VMD object (Vertical) in 320x240 resolution

AI-VMD information is refreshed every 100 milliseconds.