1) Next image byte input and verification whether its brightness is the maximal one $W_{\text{max}}$;
2) Calculation of $X$ coordinate of the center based on the value received;
3) Calculation of $Y$ coordinate of the center based on the value received;
4) Saving the byte value into buffer $BF$

No

All 16384 bytes of the frame processed?

Yes

1) Calculation of $X$;
2) Calculation of $Y$;
3) Calculation and saving of values:
   3.1) $W_{0.75} = 0.75 \times W_{\text{max}}$
   3.1) $W_{0.5} = 0.5 \times W_{\text{max}}$

1) Input of the image byte from the buffer;
2) Frame classification based on the calculated value of $r$ and accounting for the incoming byte

No

All 16384 bytes of the buffer processed?

Yes

Output:
$X$, $Y$ and image characteristics identifier $r$

End