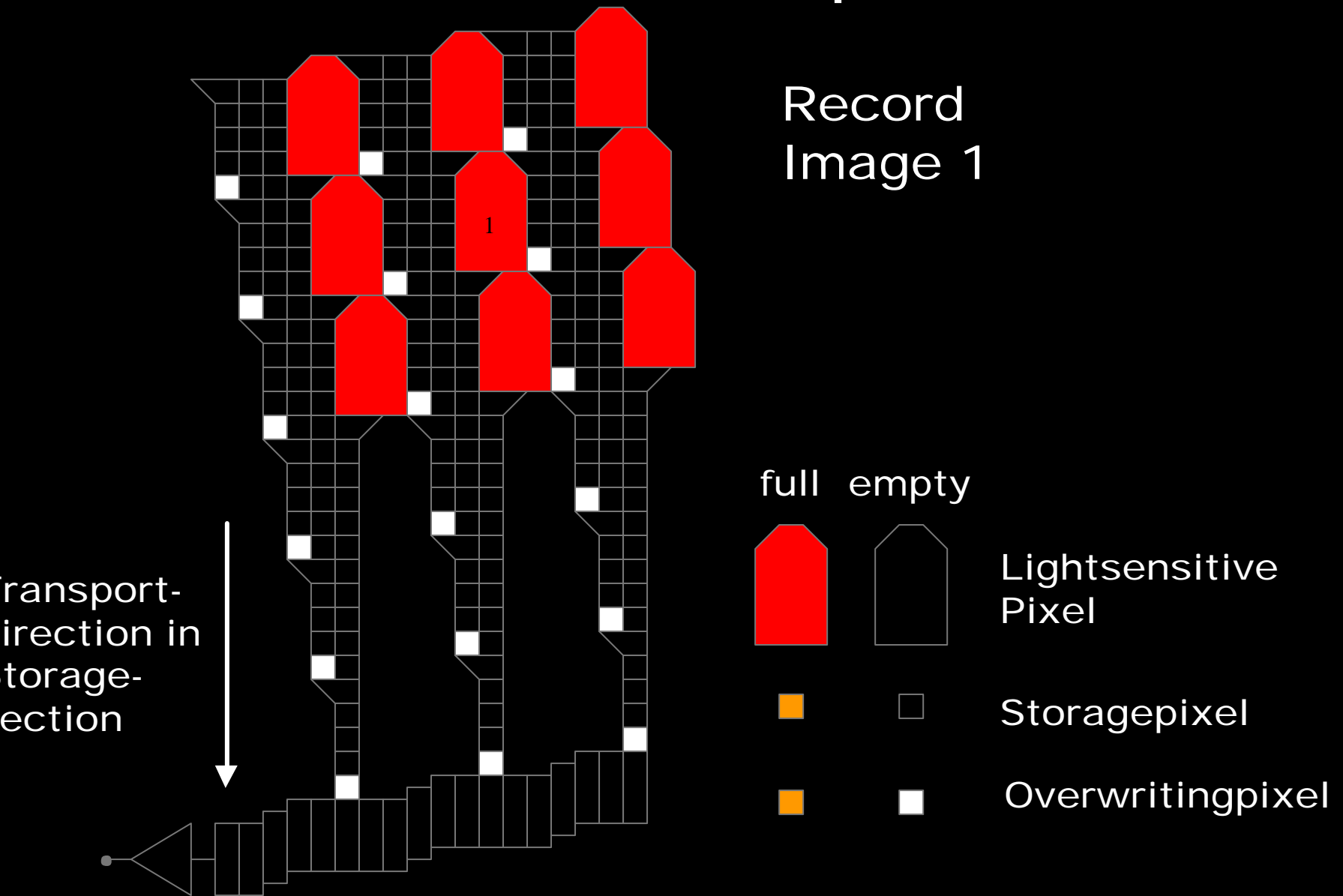
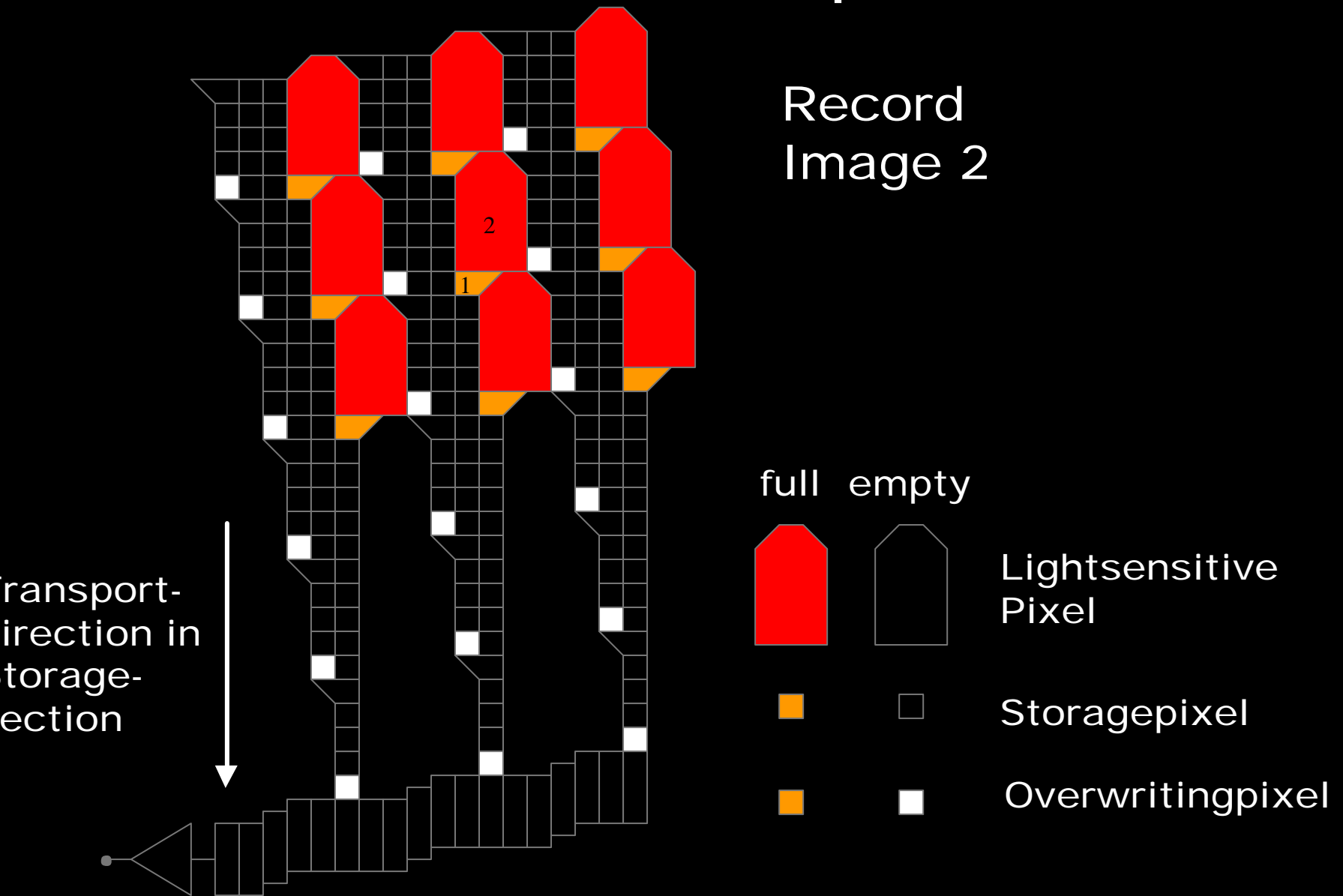


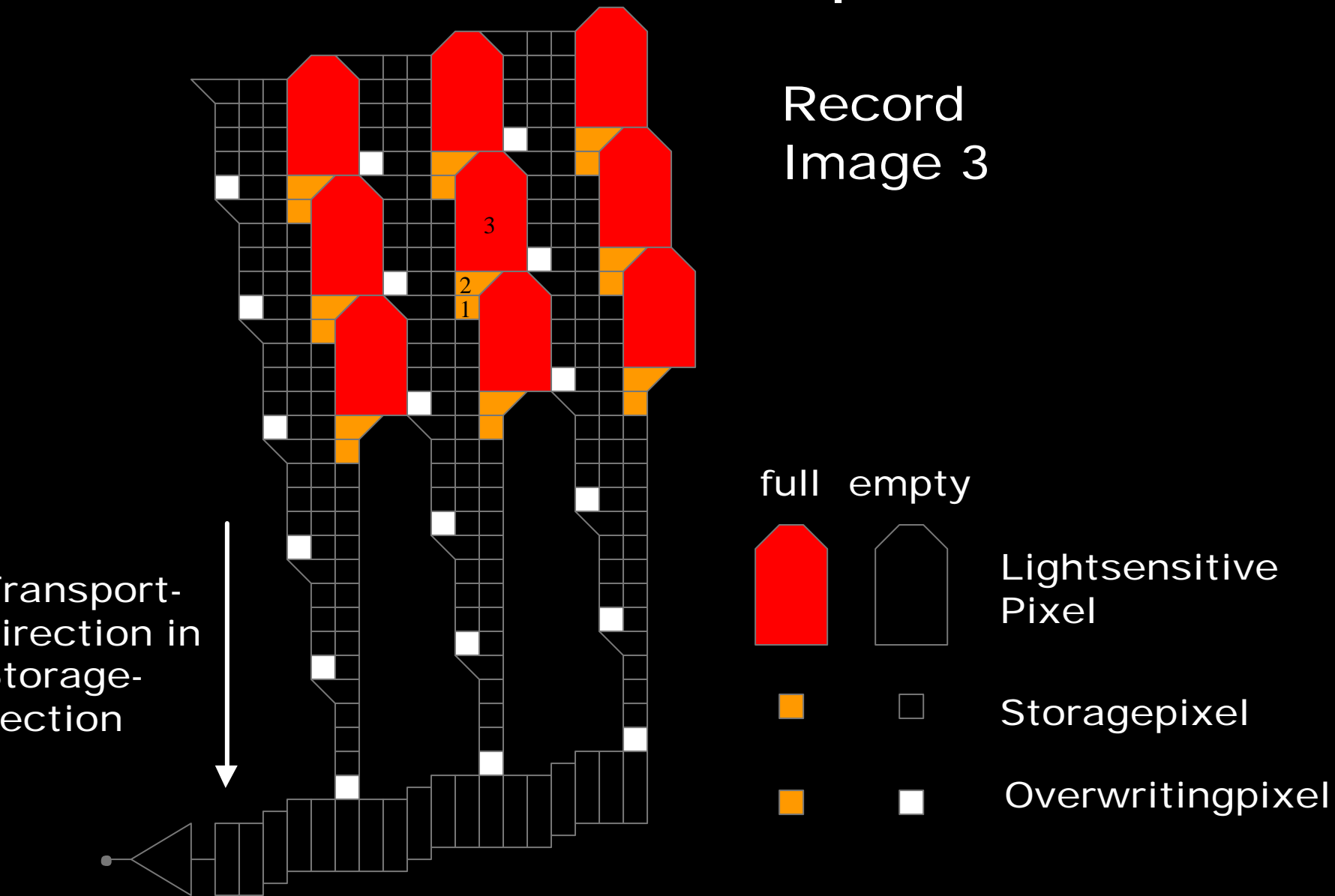
ISIS Principle



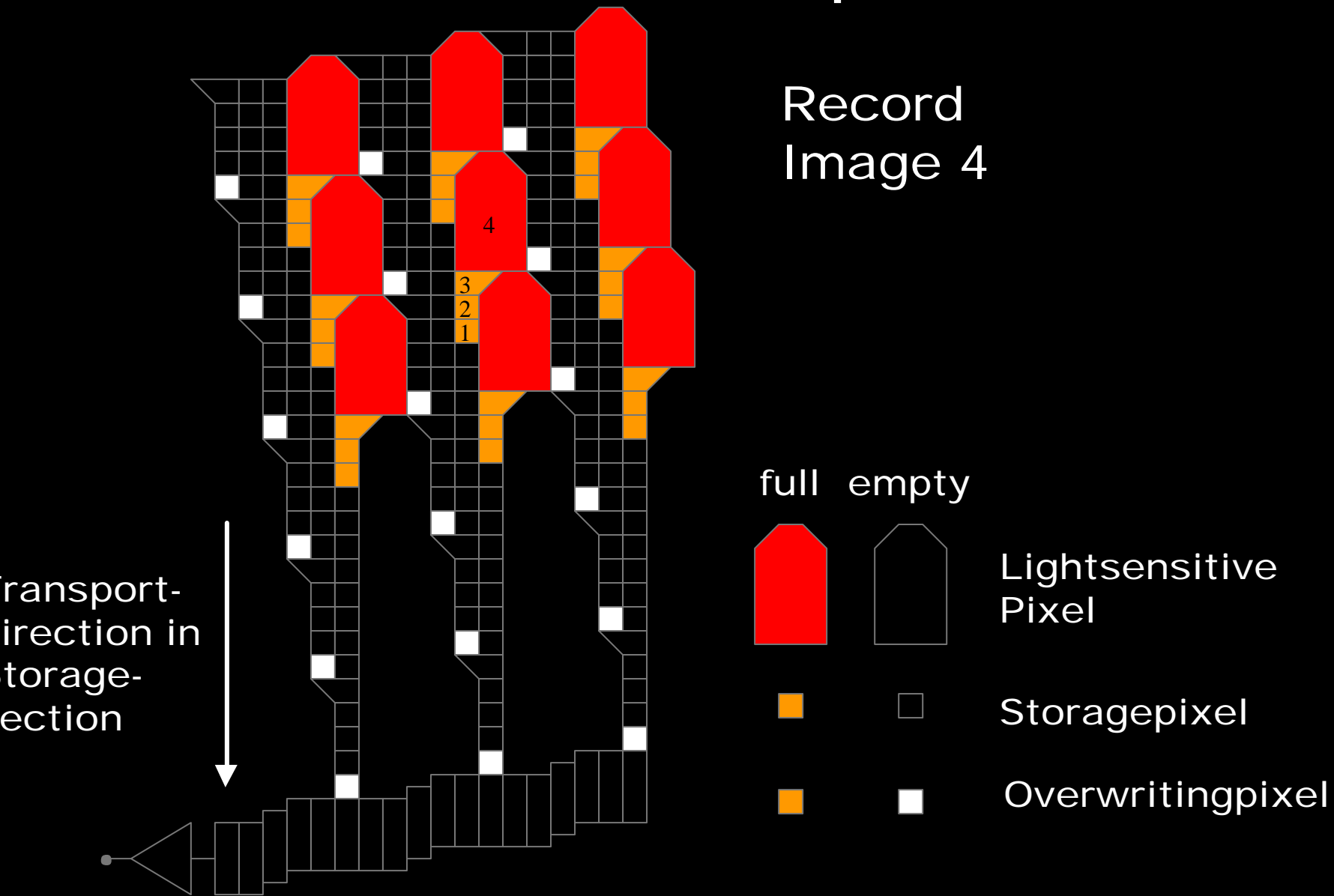
ISIS Principle



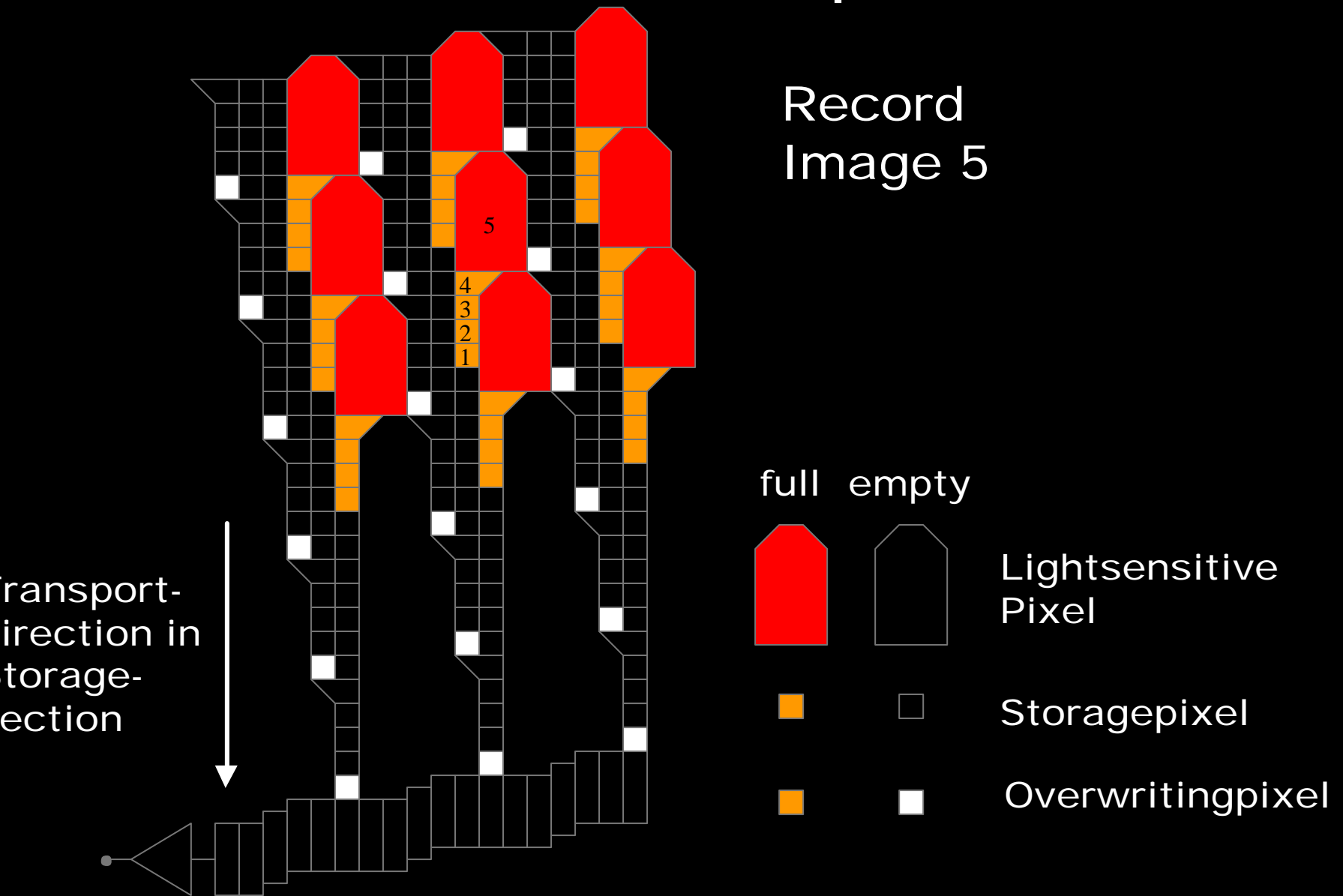
ISIS Principle



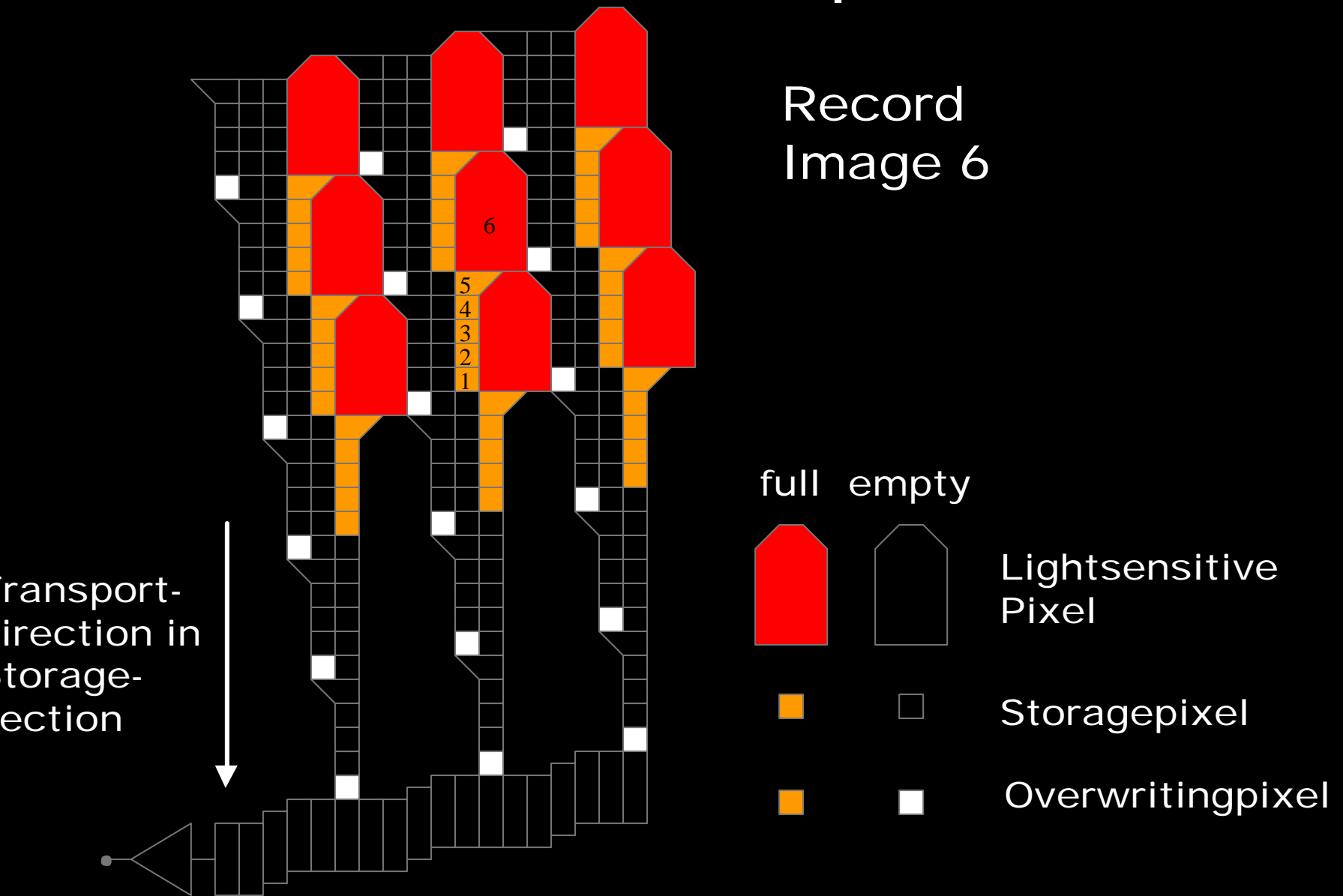
ISIS Principle



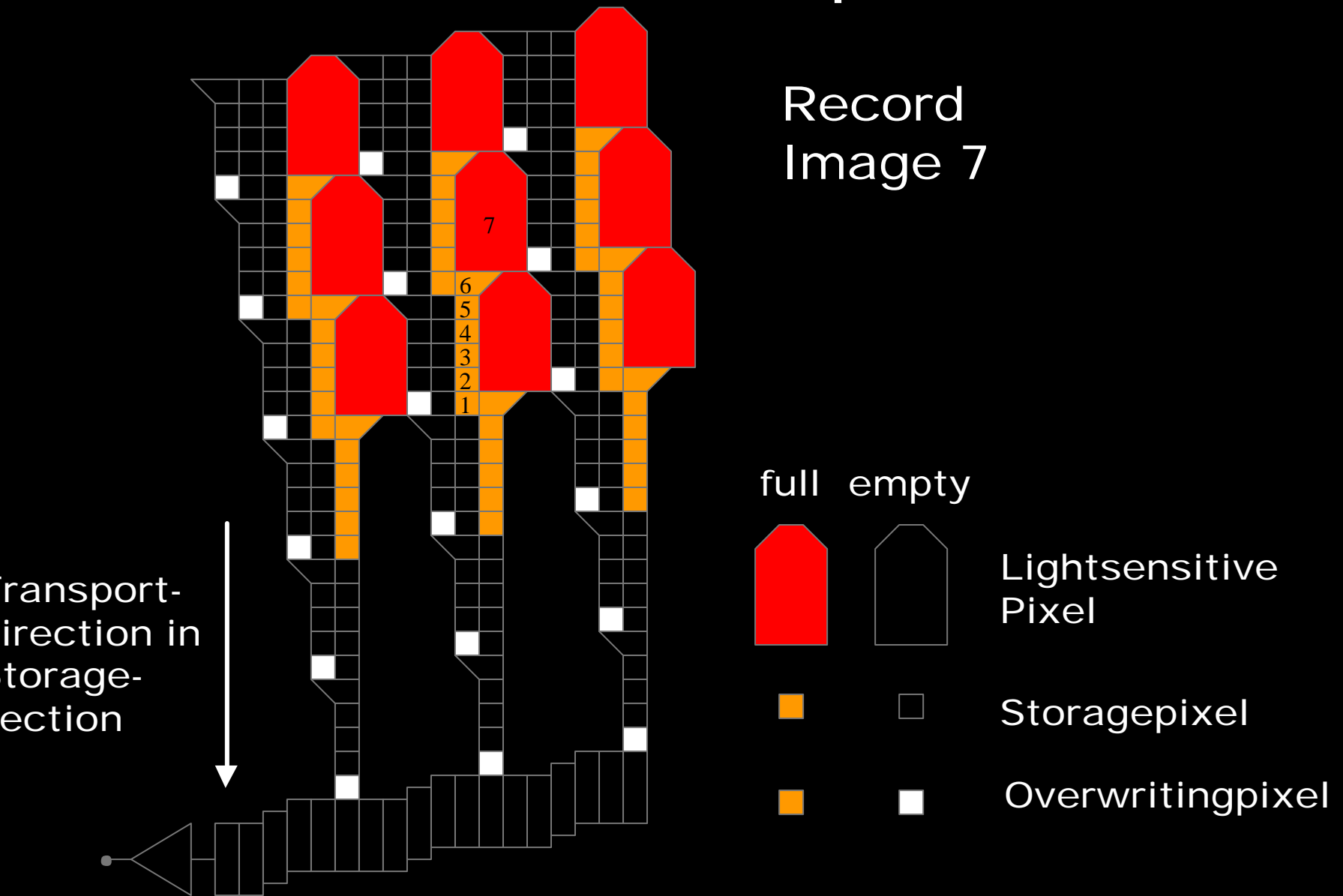
ISIS Principle



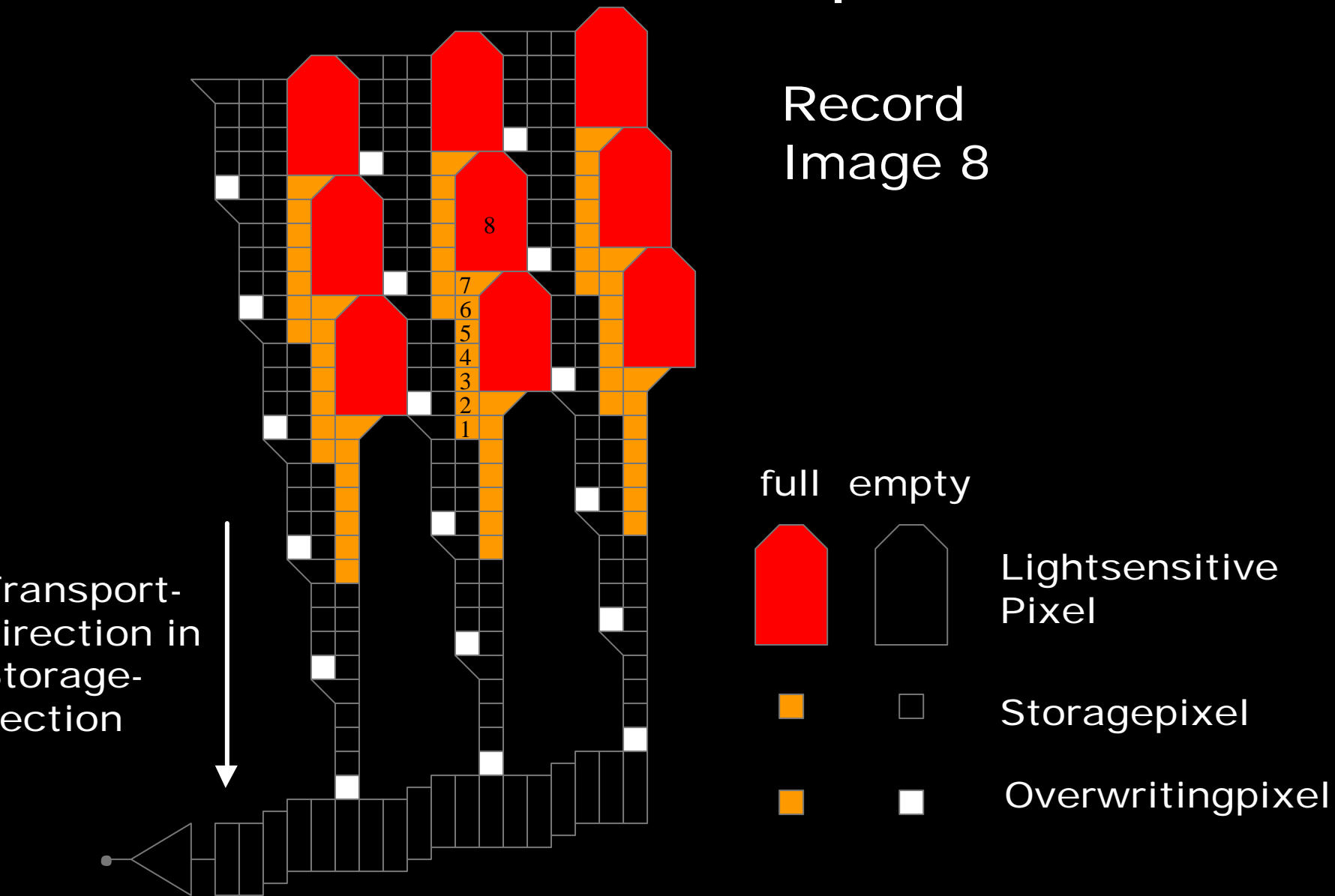
ISIS Principle



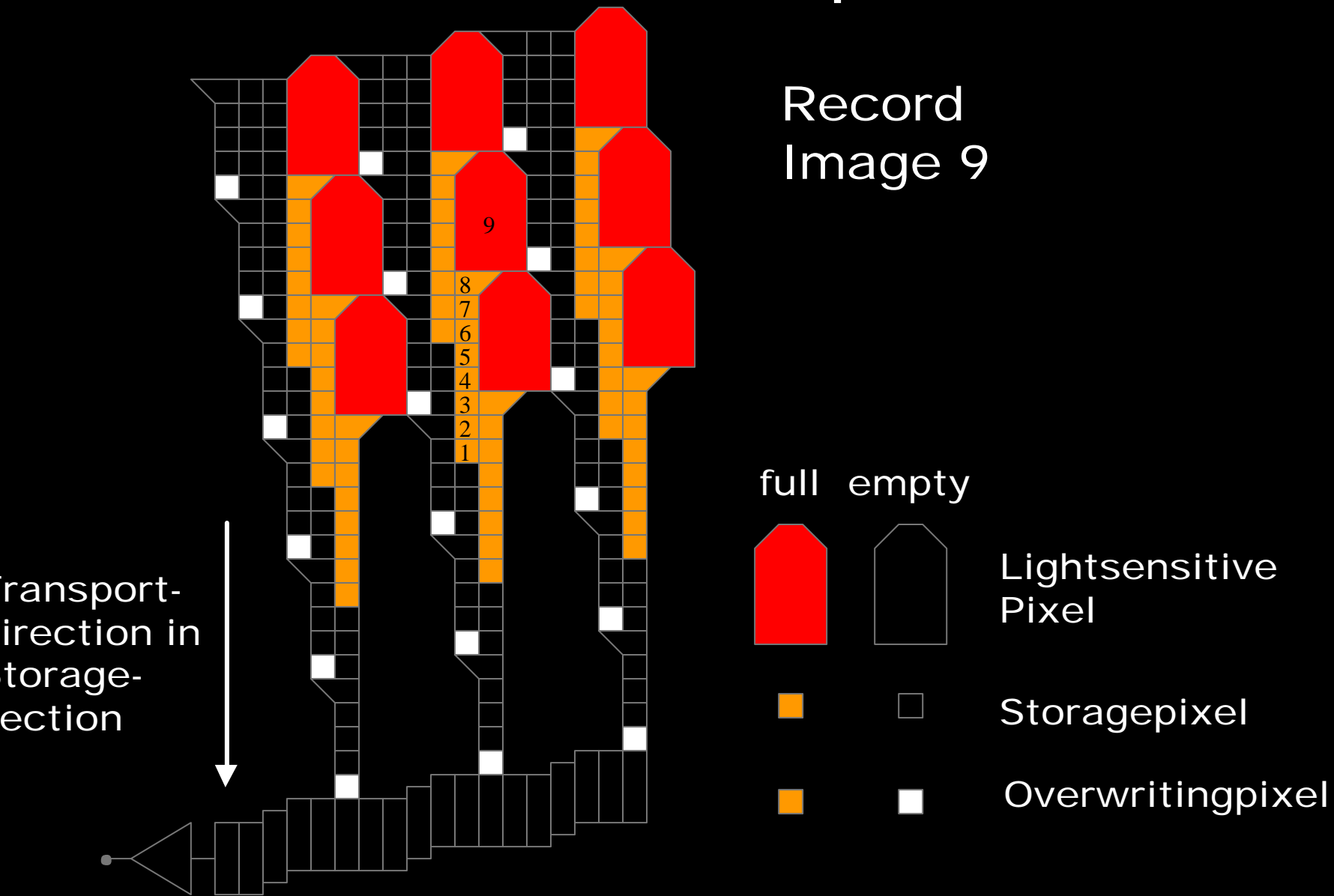
ISIS Principle



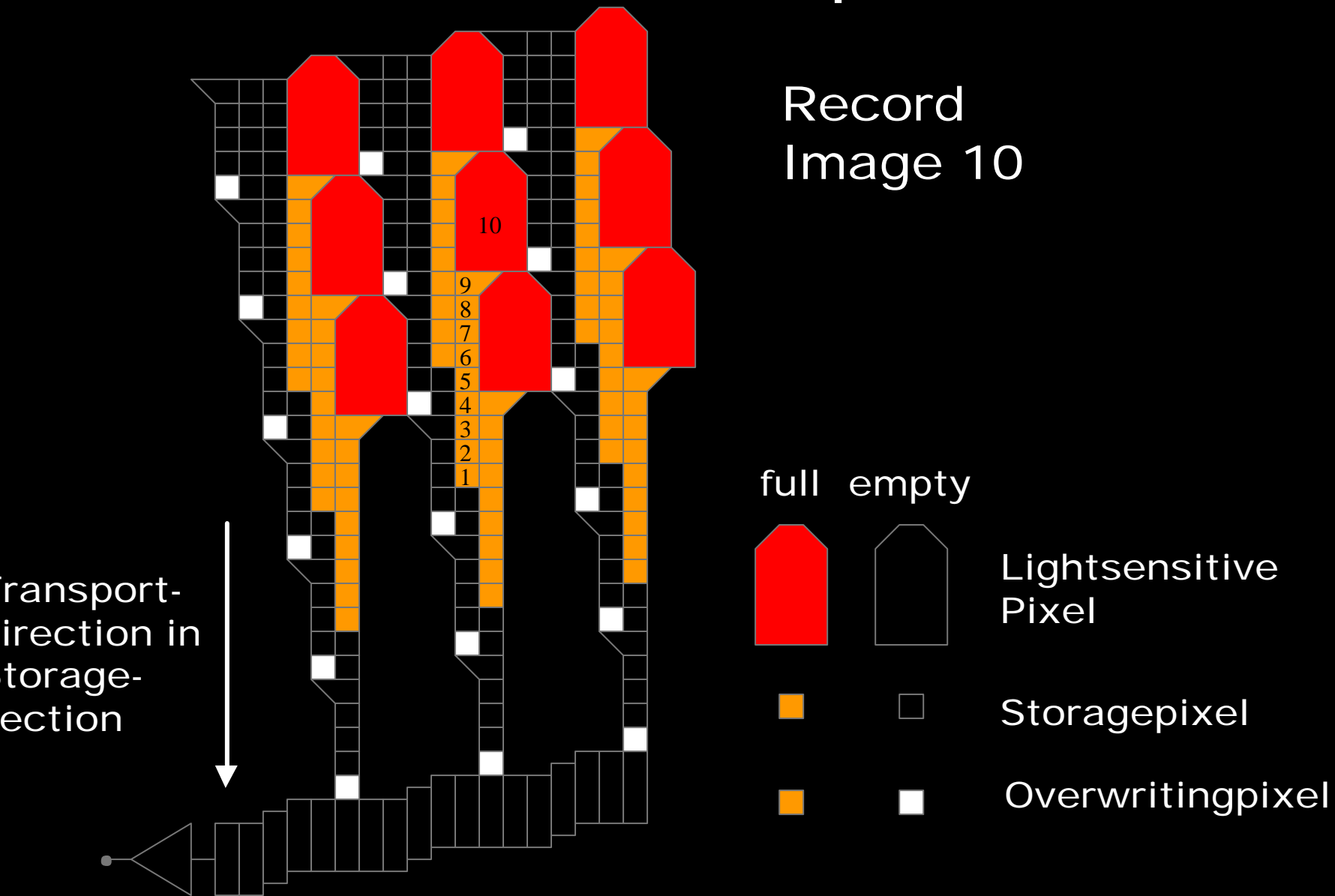
ISIS Principle



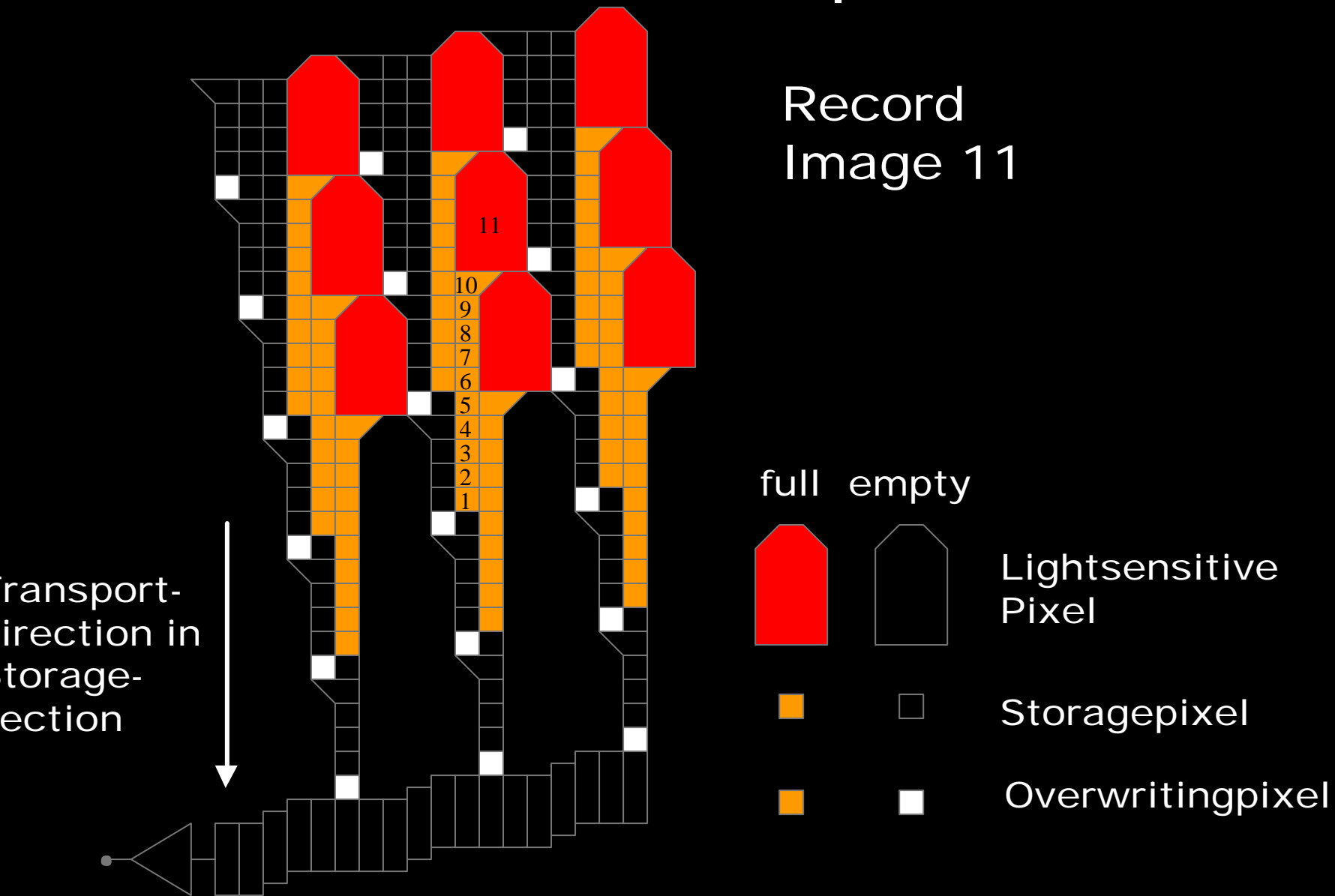
ISIS Principle



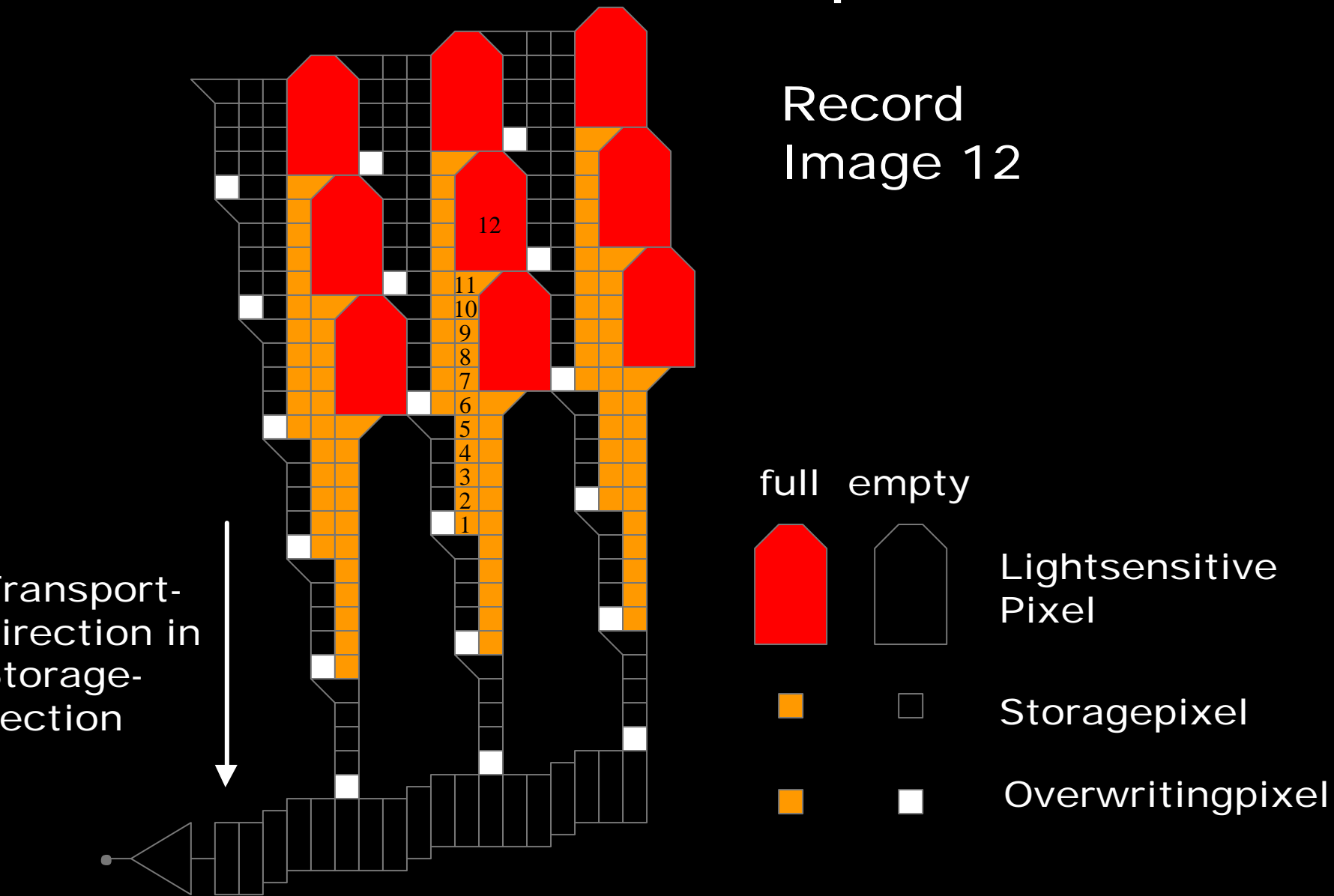
ISIS Principle



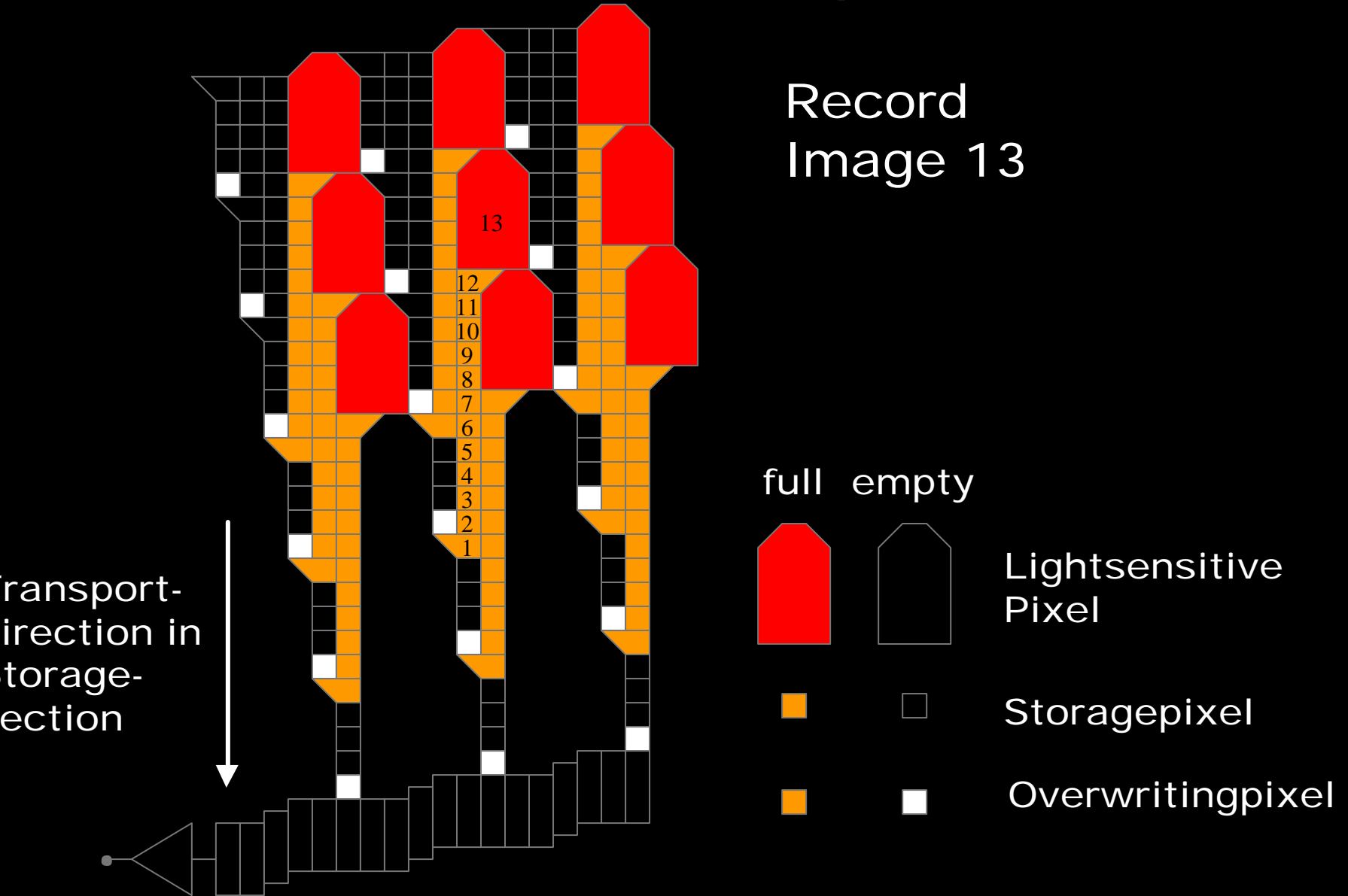
ISIS Principle



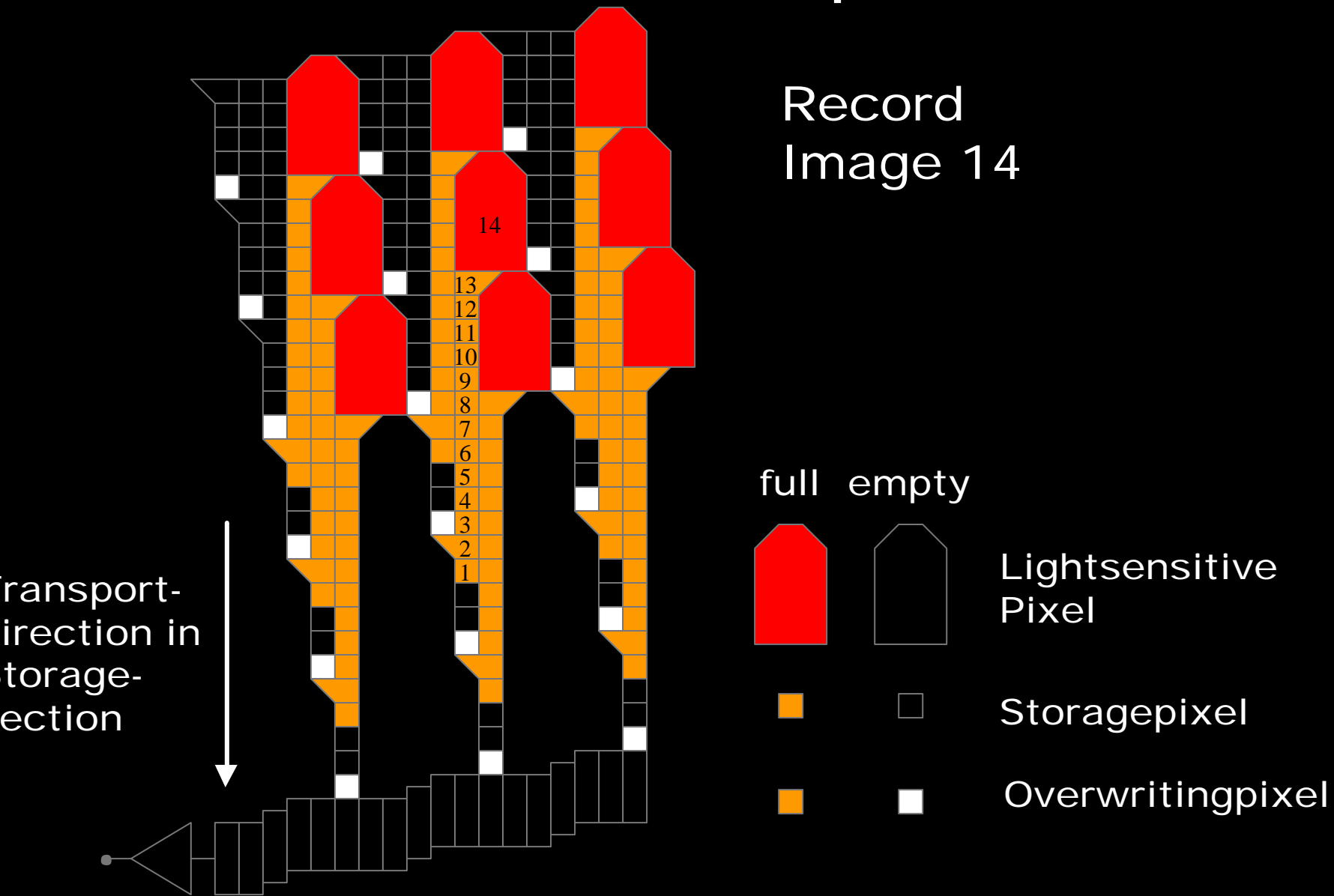
ISIS Principle



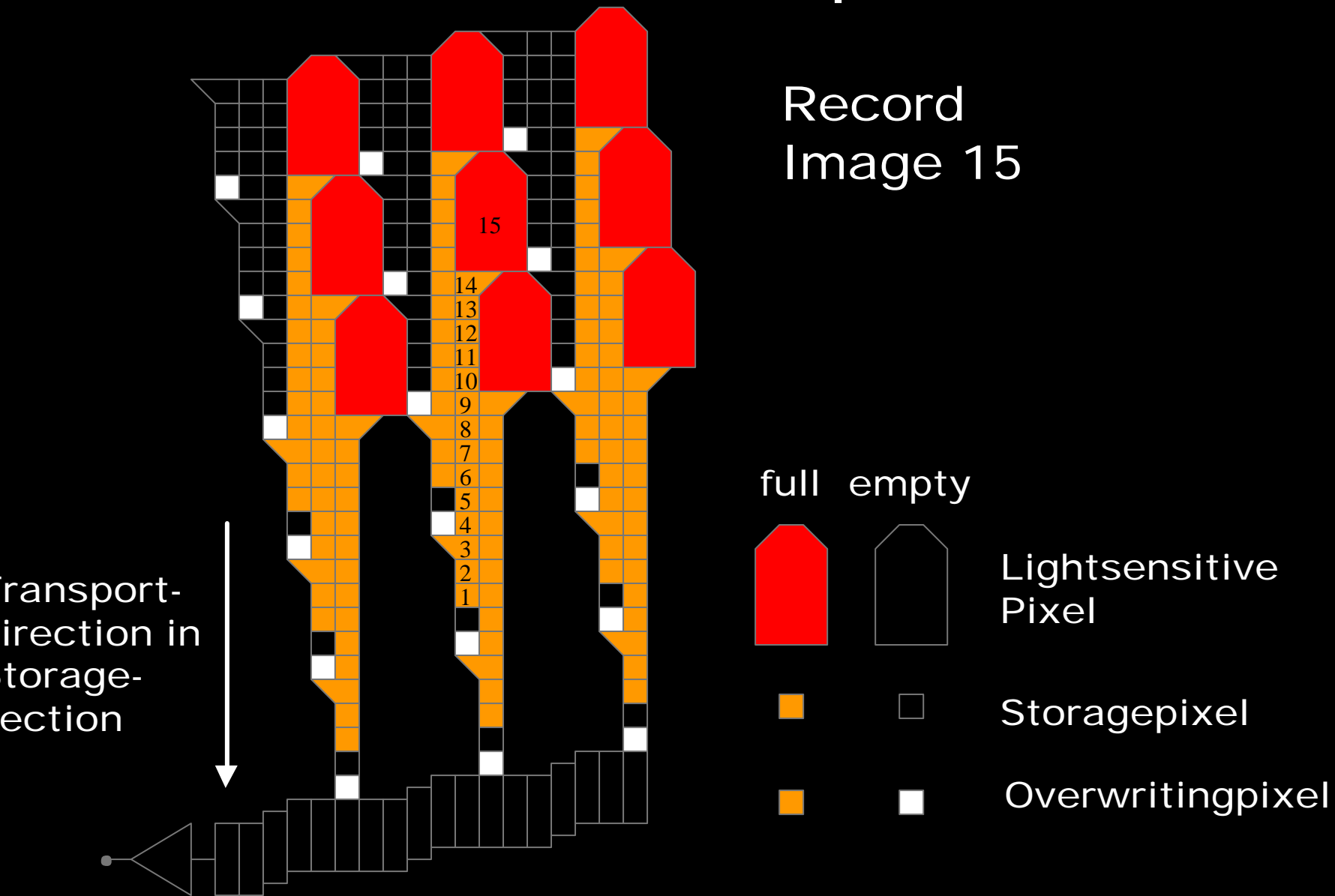
ISIS Principle



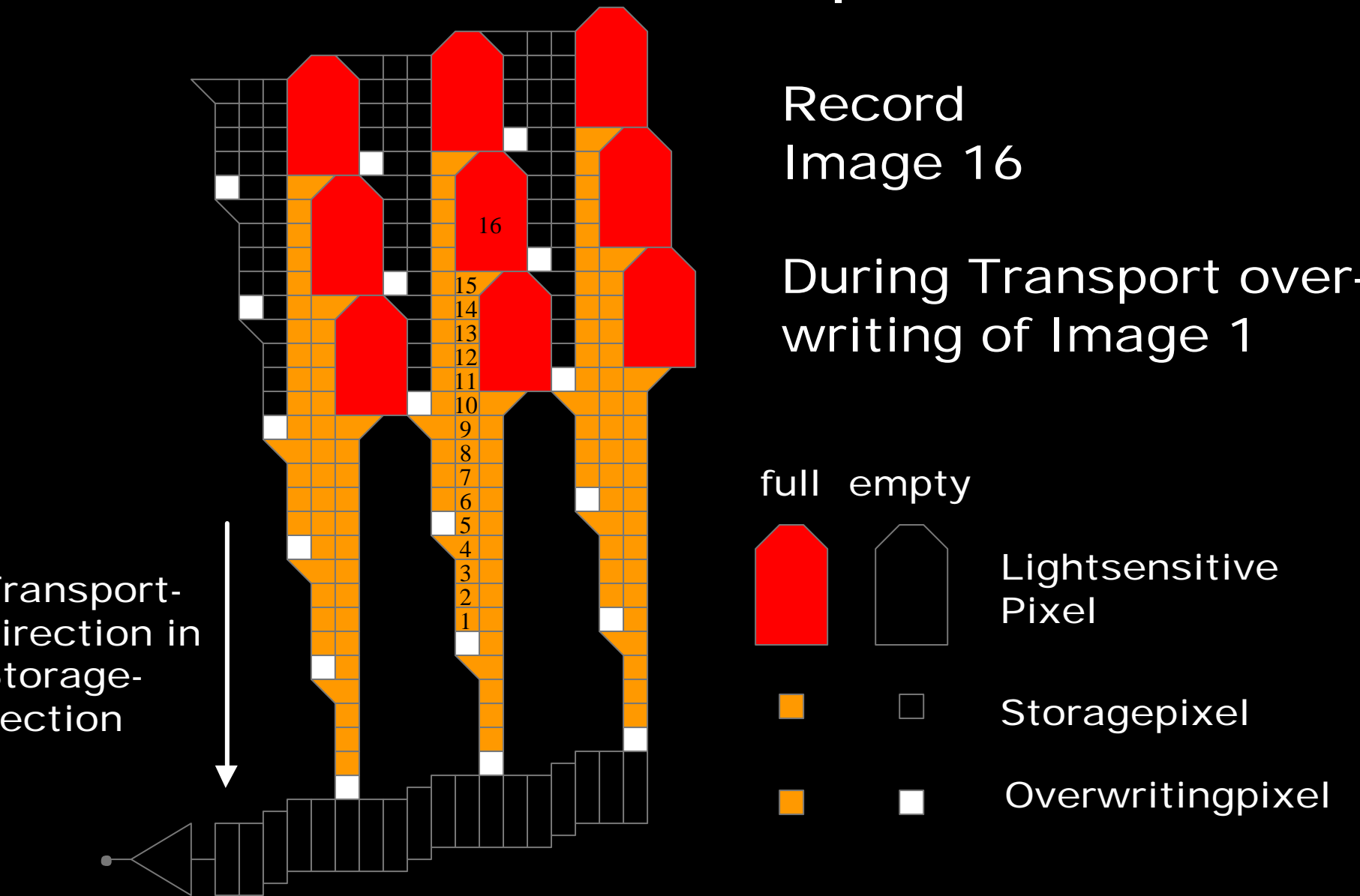
ISIS Principle



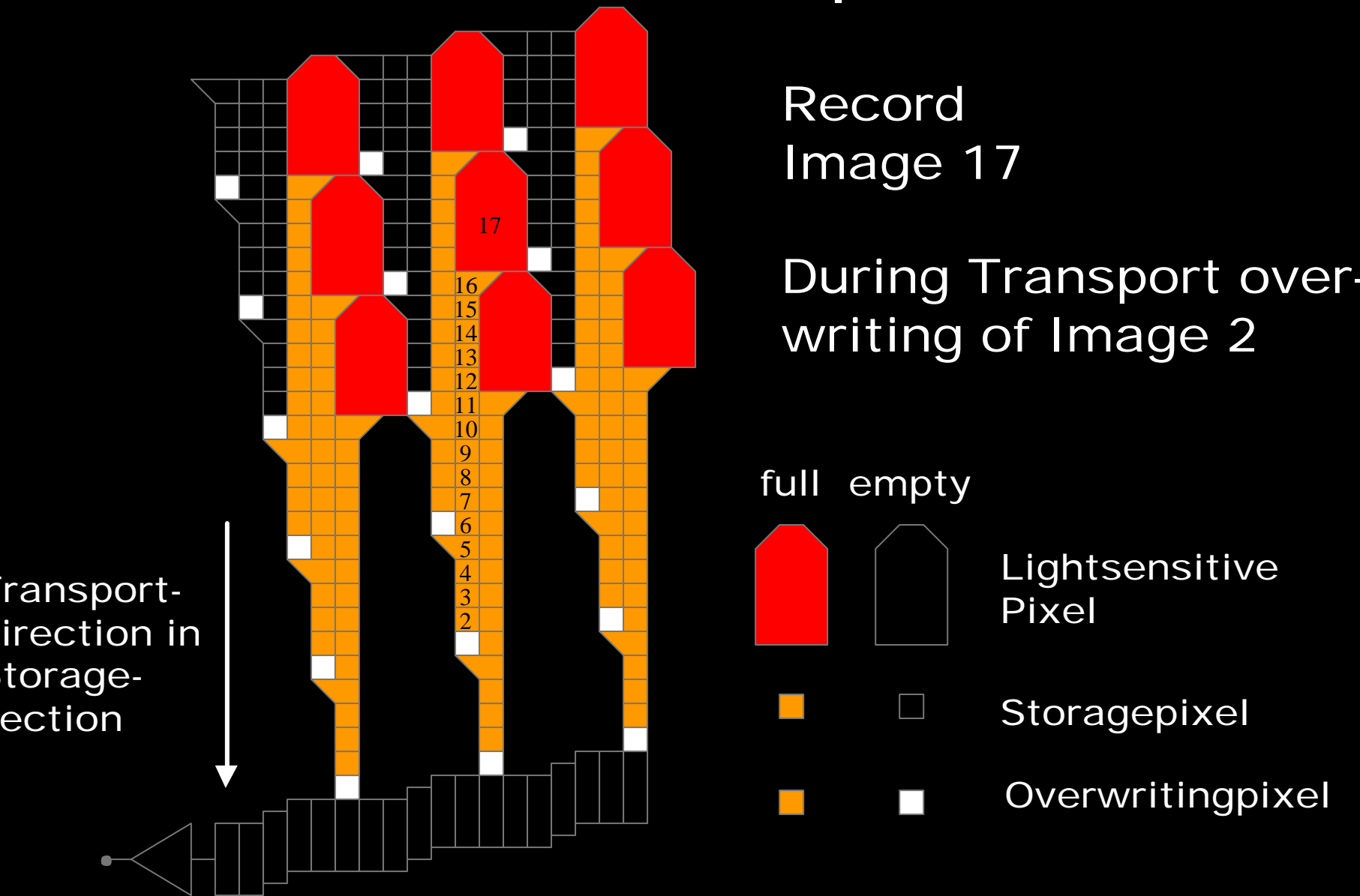
ISIS Principle



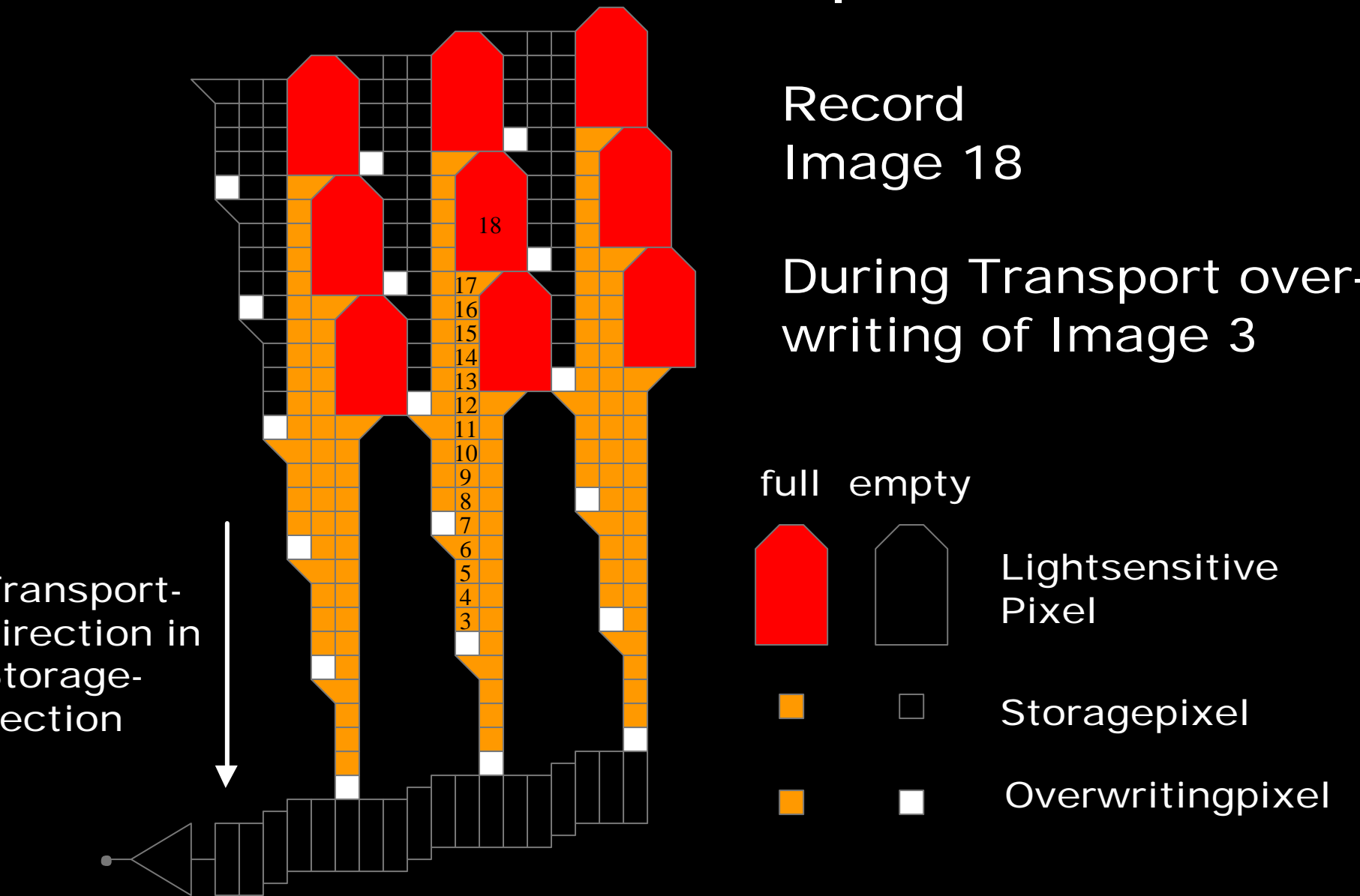
ISIS Principle



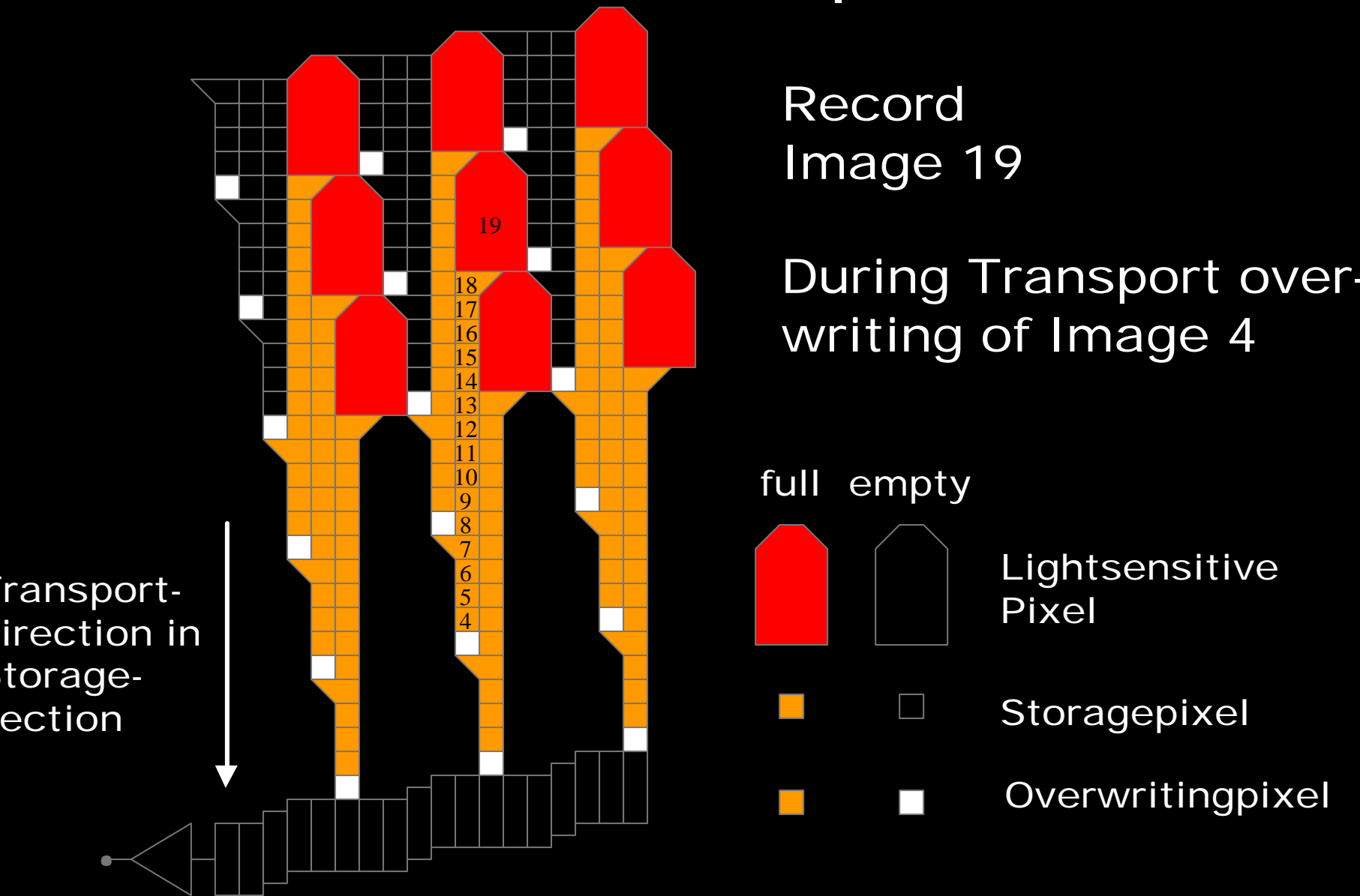
ISIS Principle



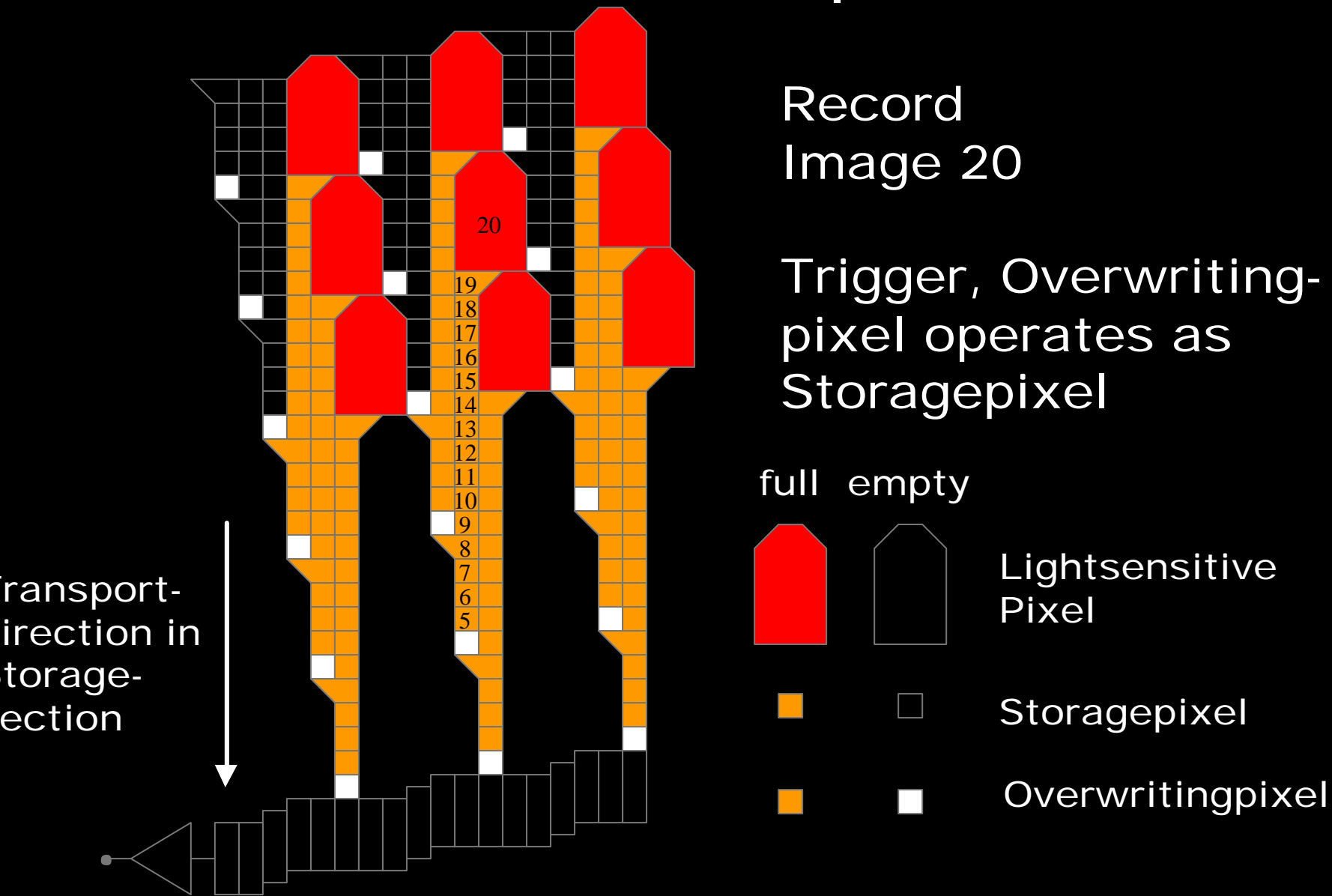
ISIS Principle



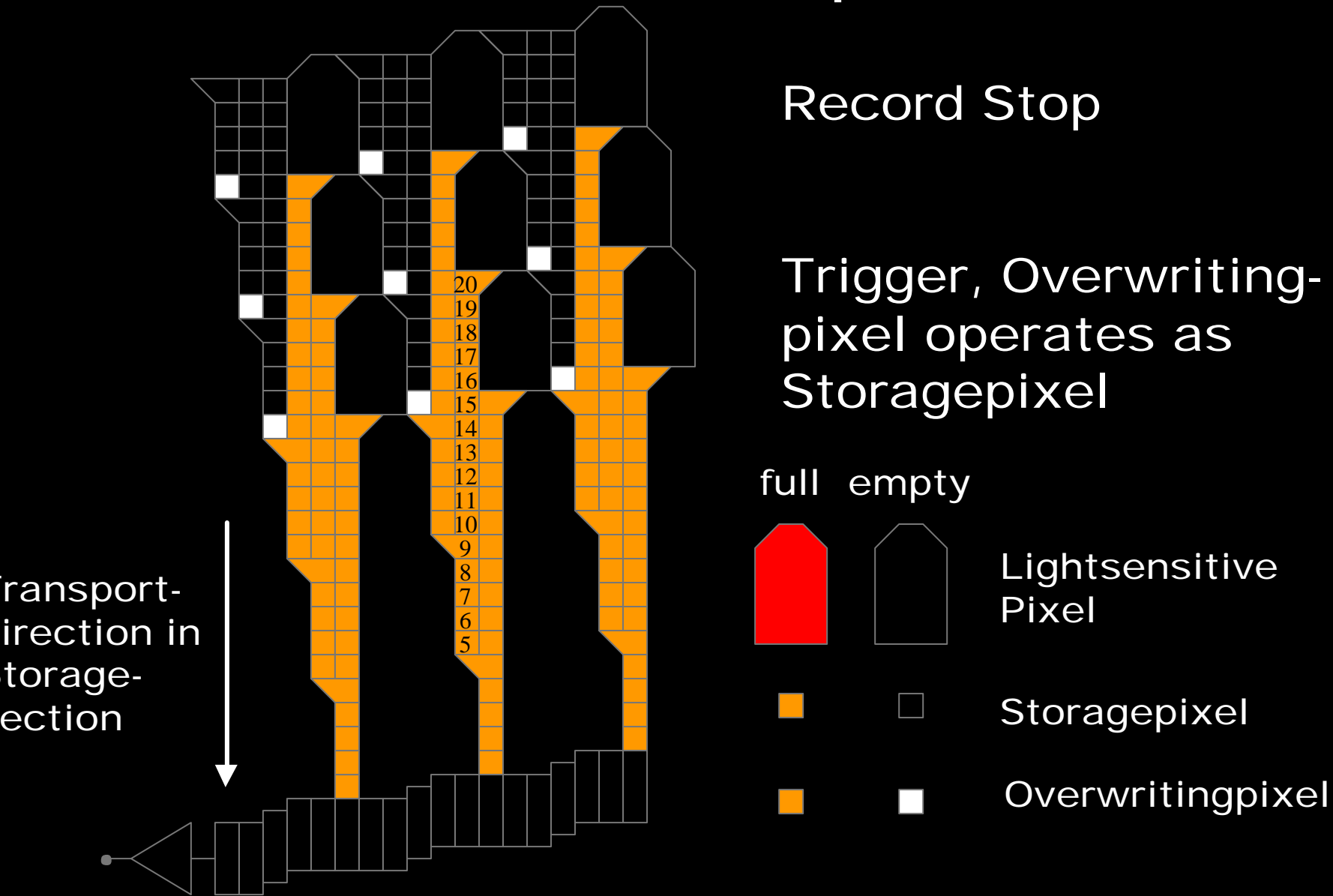
ISIS Principle



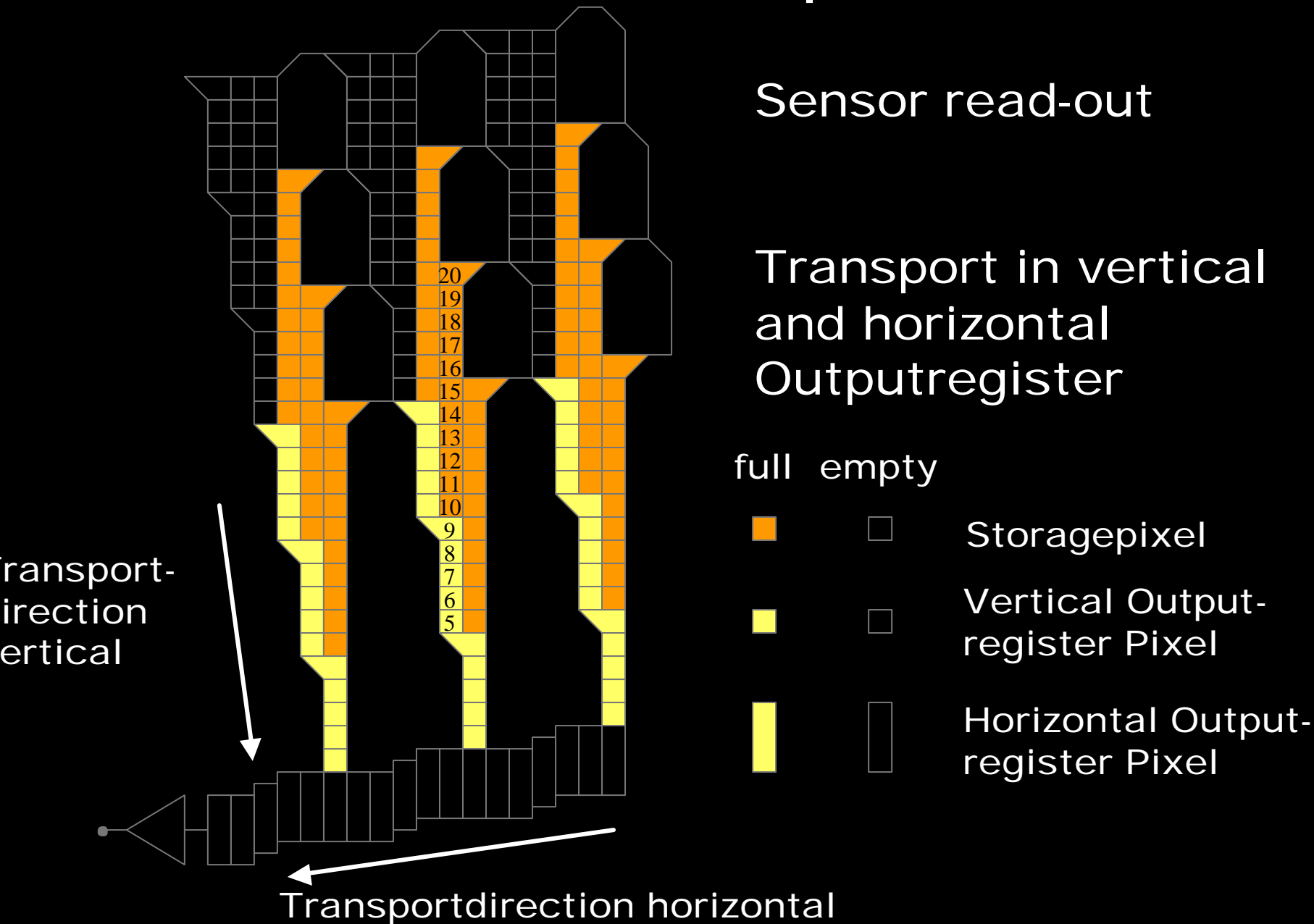
ISIS Principle



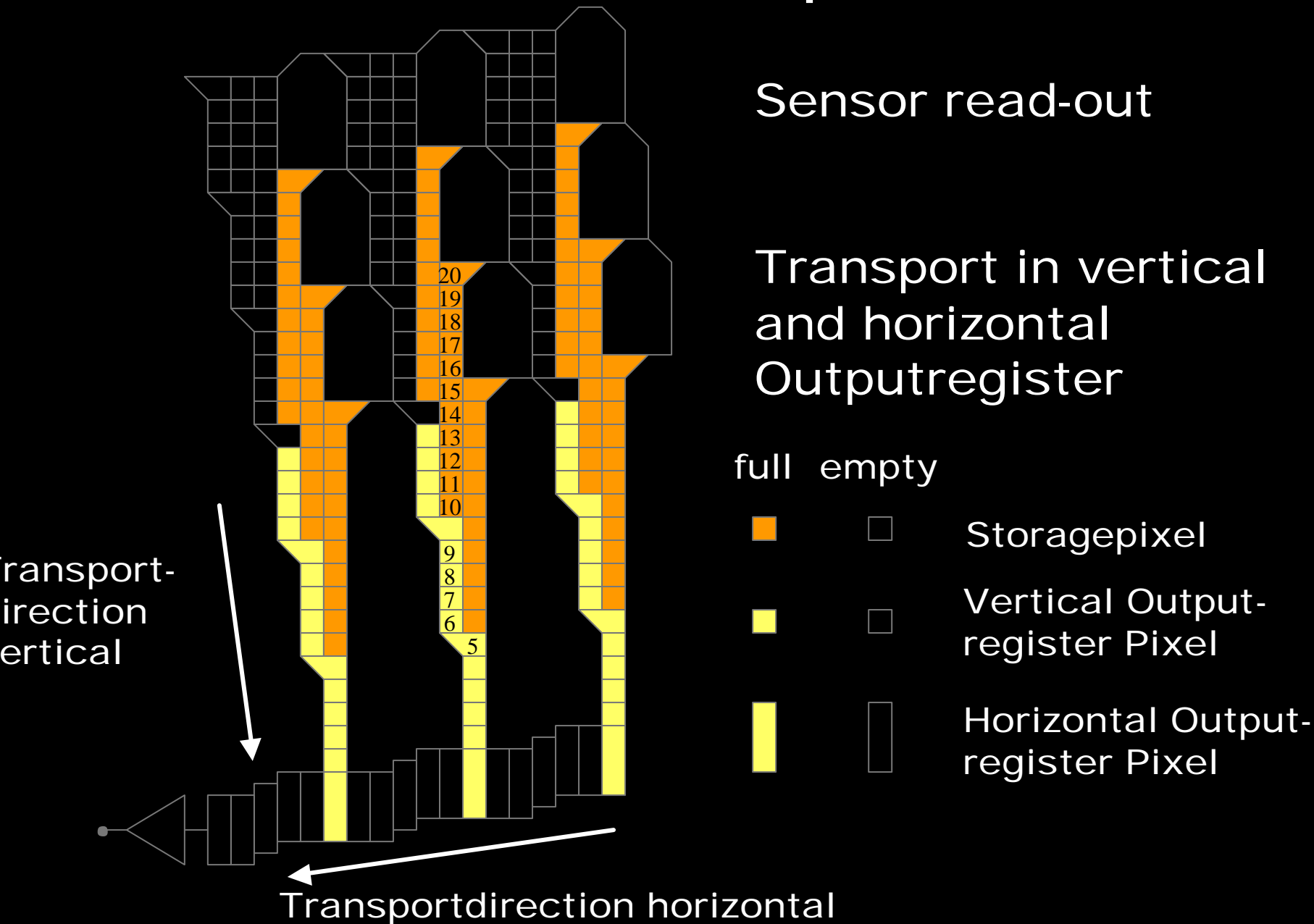
ISIS Principle



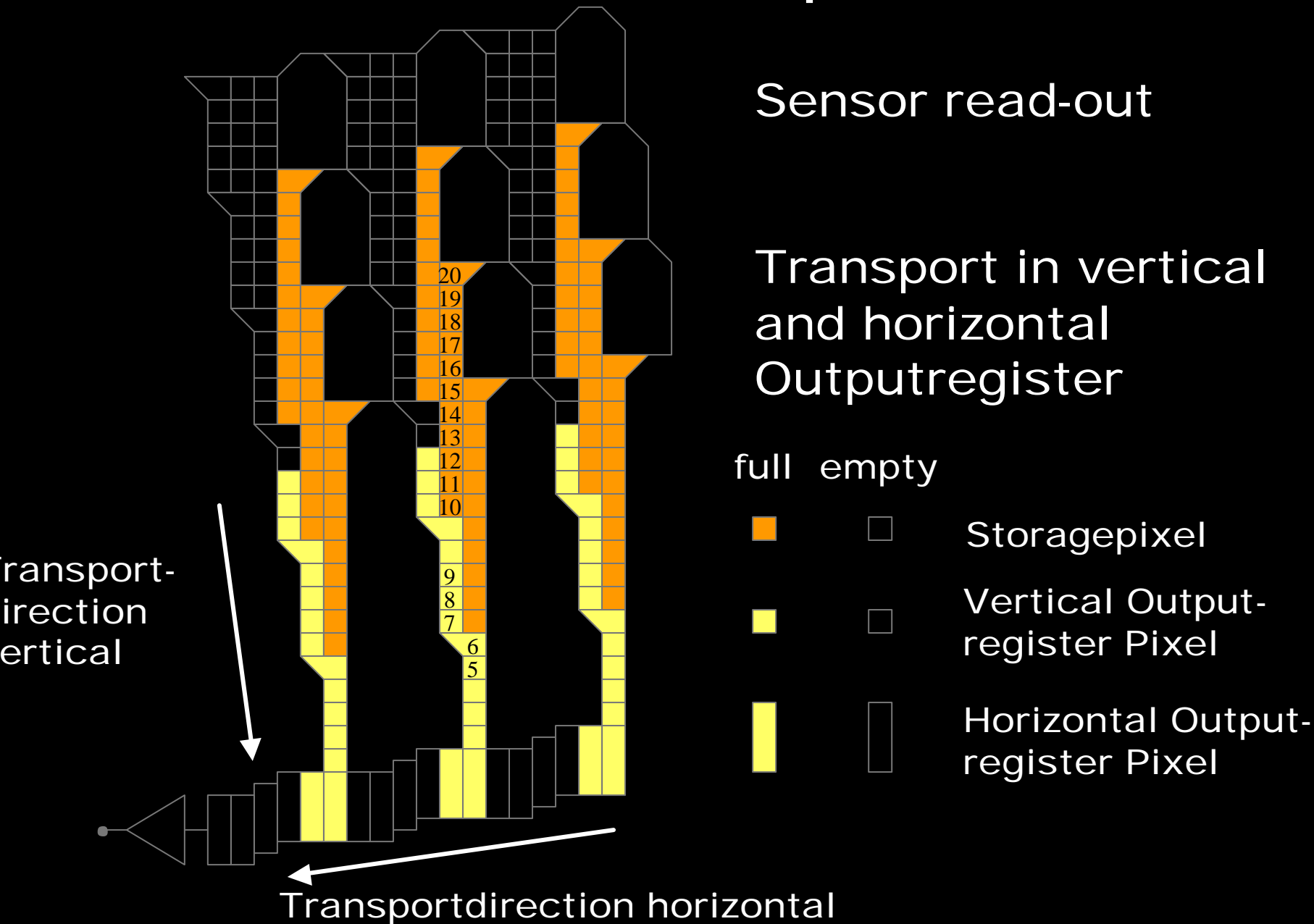
ISIS Principle



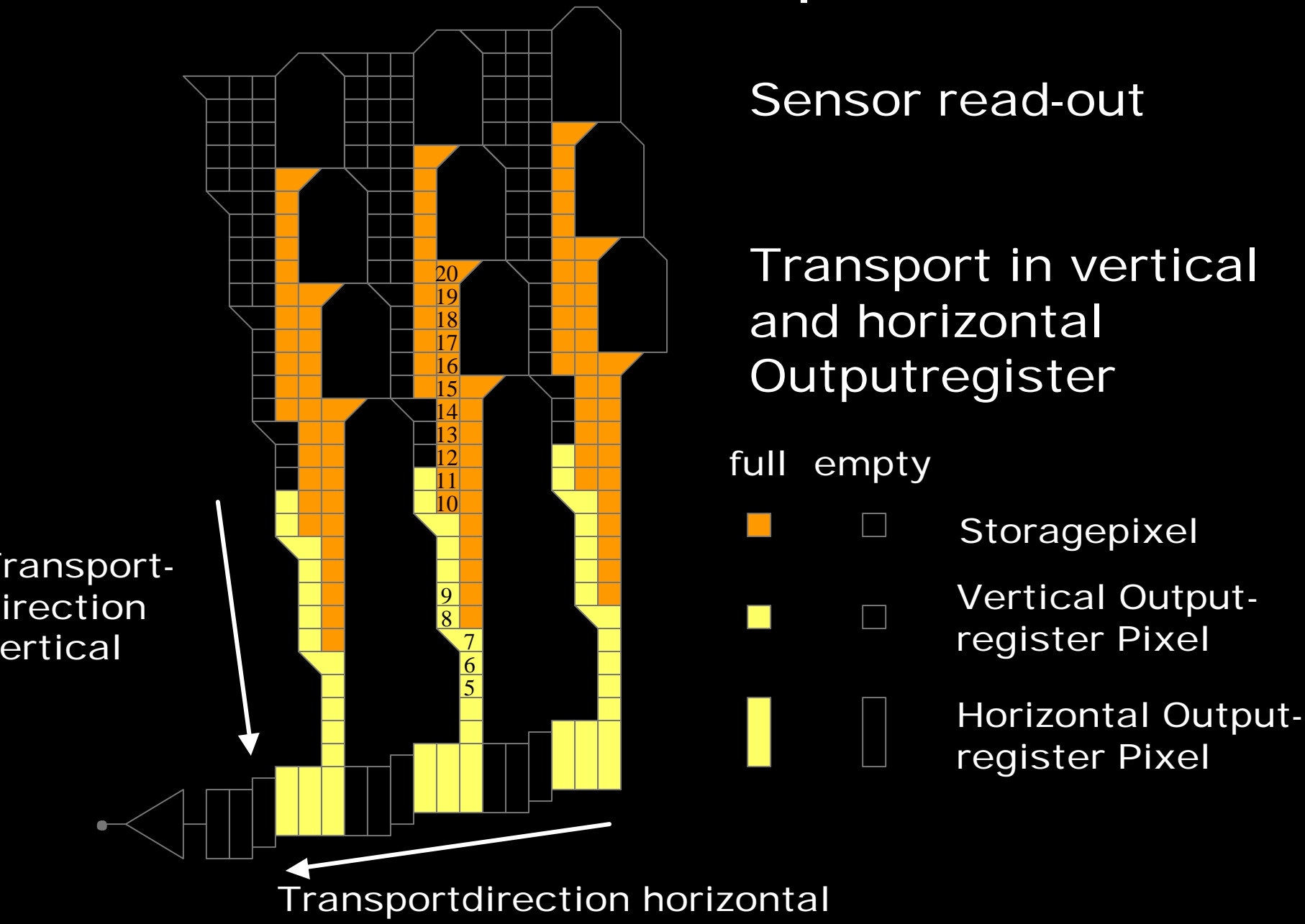
ISIS Principle



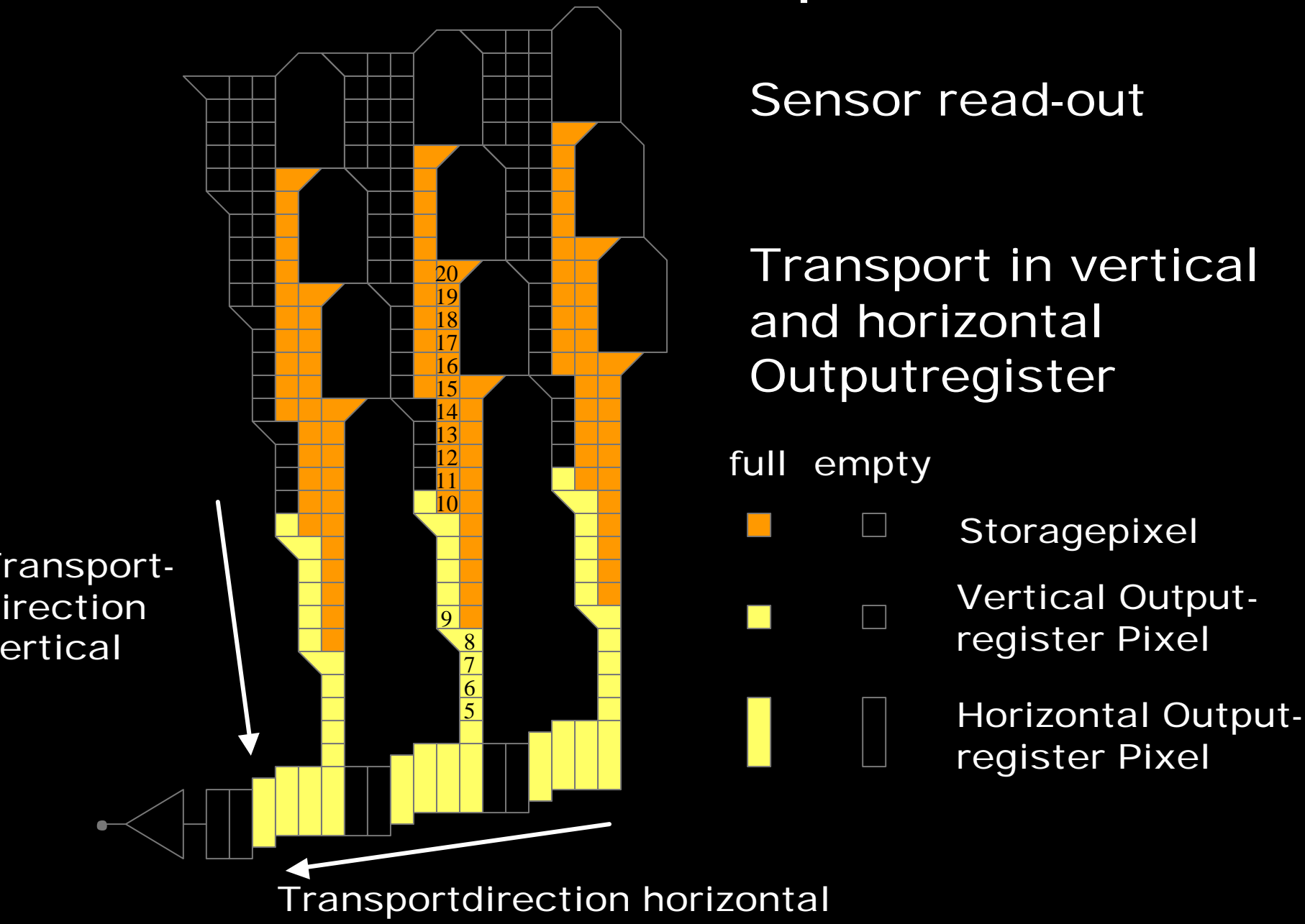
ISIS Principle



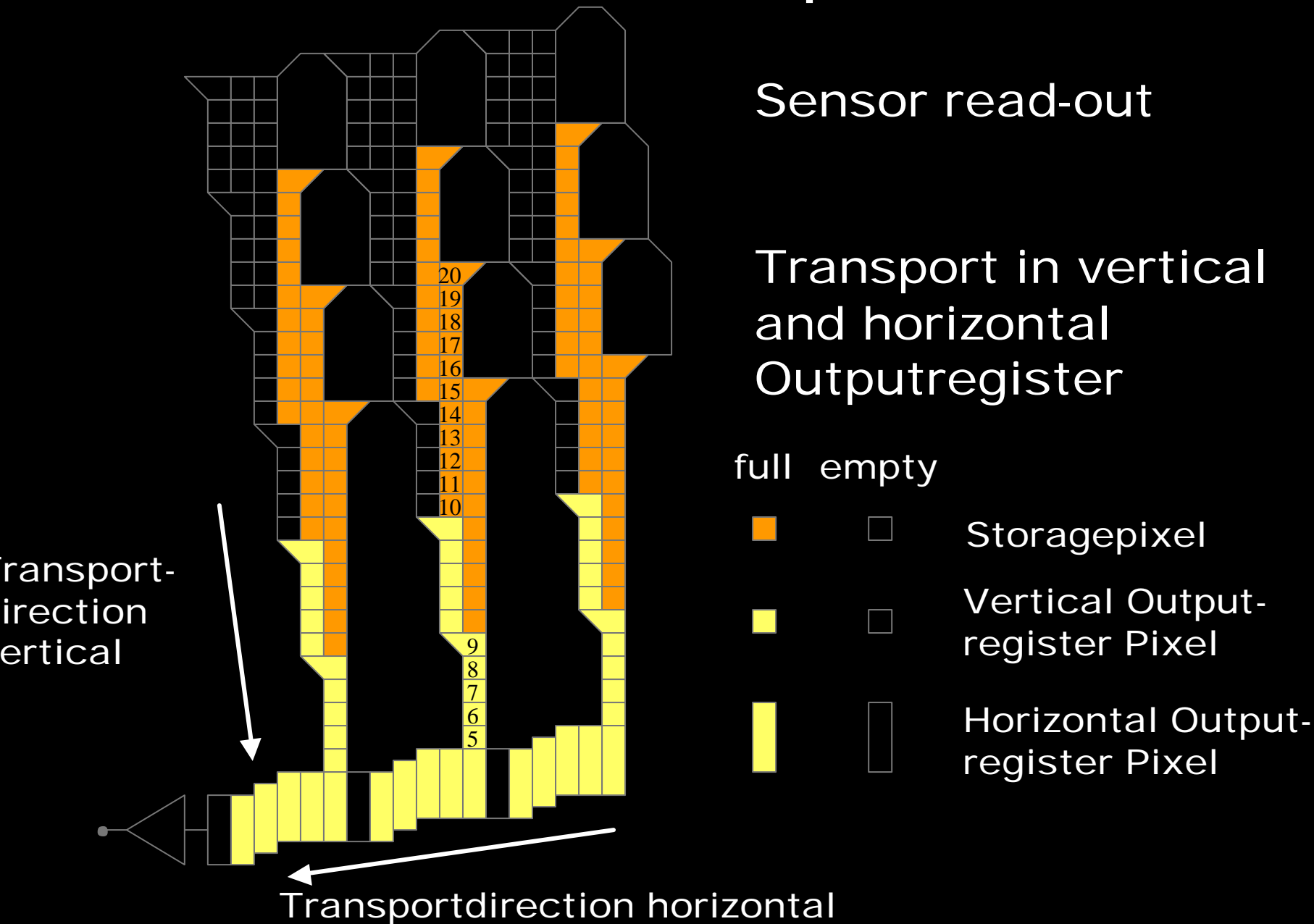
ISIS Principle



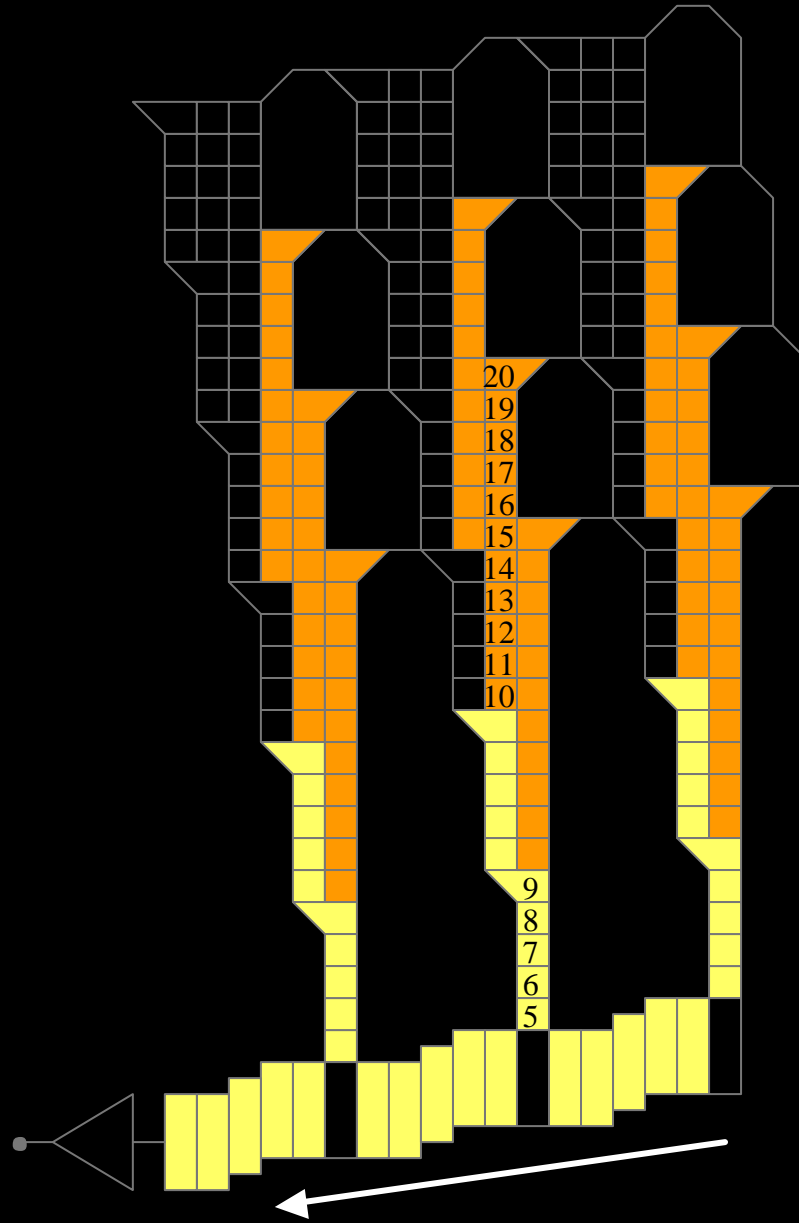
ISIS Principle



ISIS Principle



ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

full empty



Storagepixel



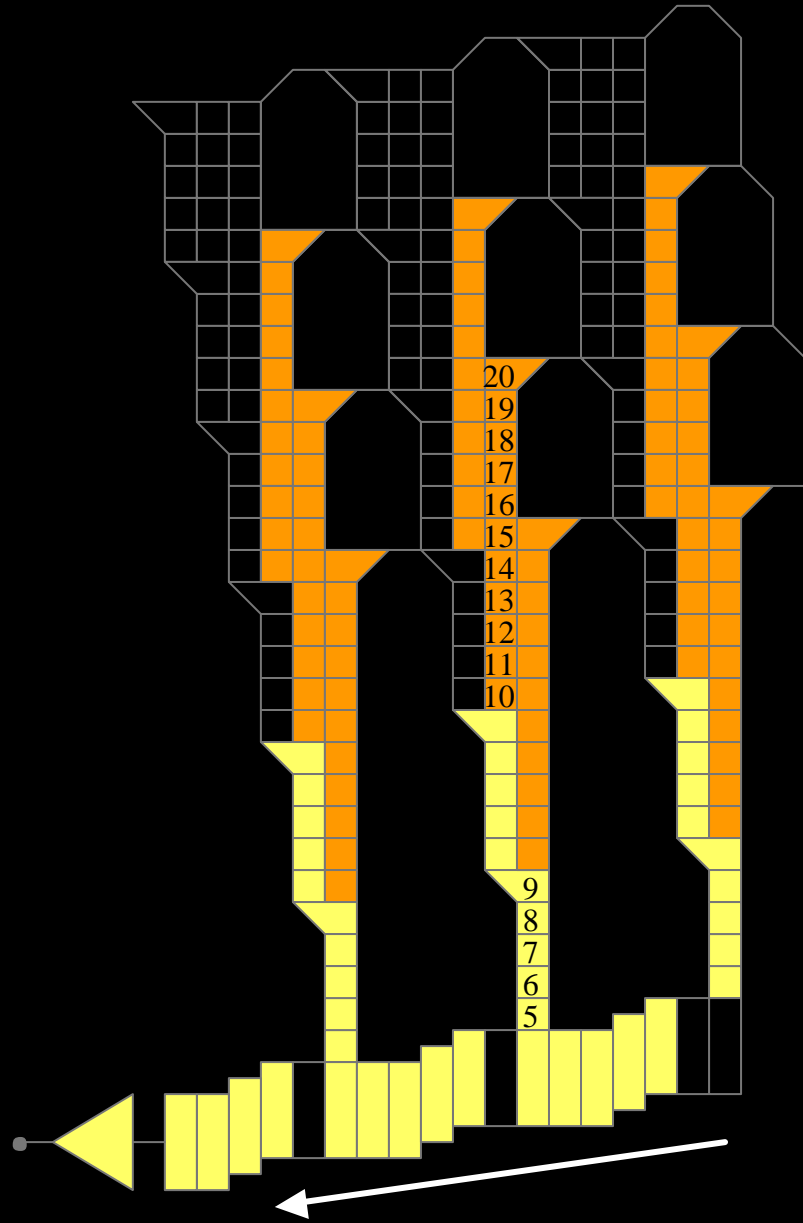
Vertical Output-
register Pixel



Horizontal Output-
register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

full empty

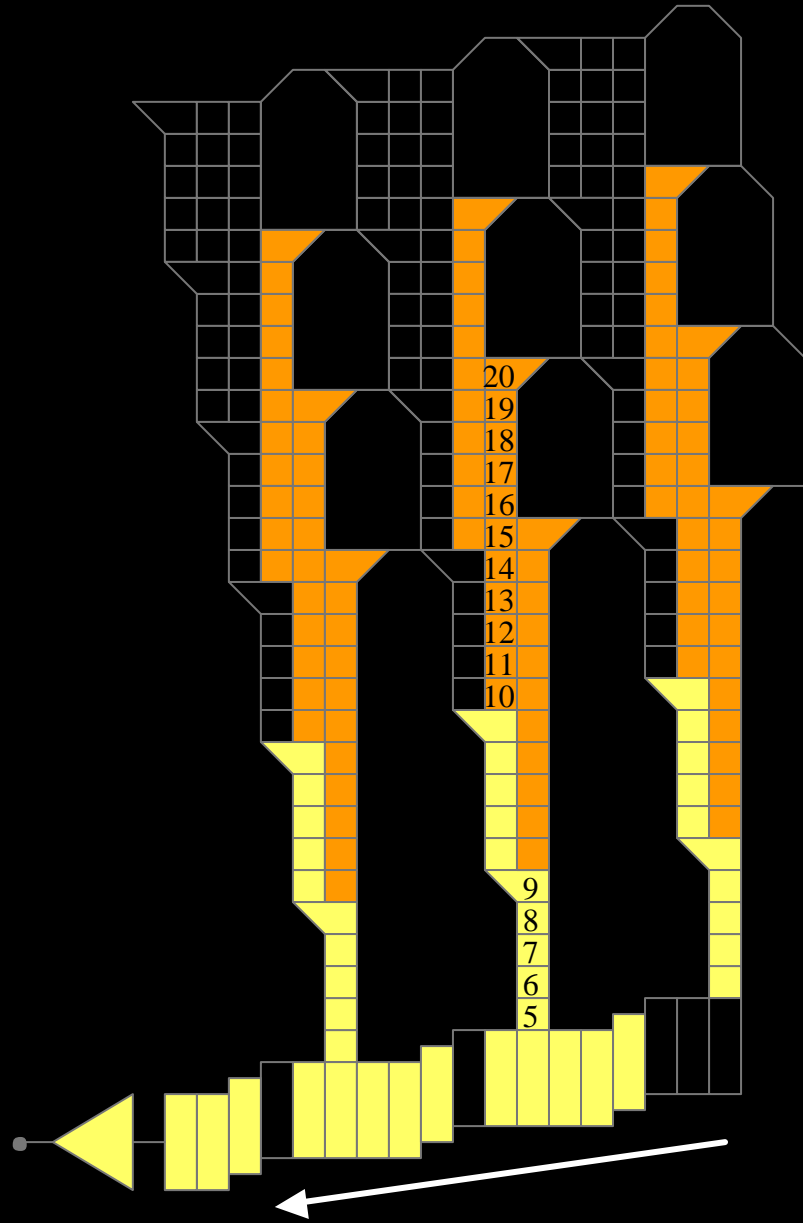
  Storagepixel

  Vertical Output-
register Pixel

  Horizontal Output-
register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

full empty

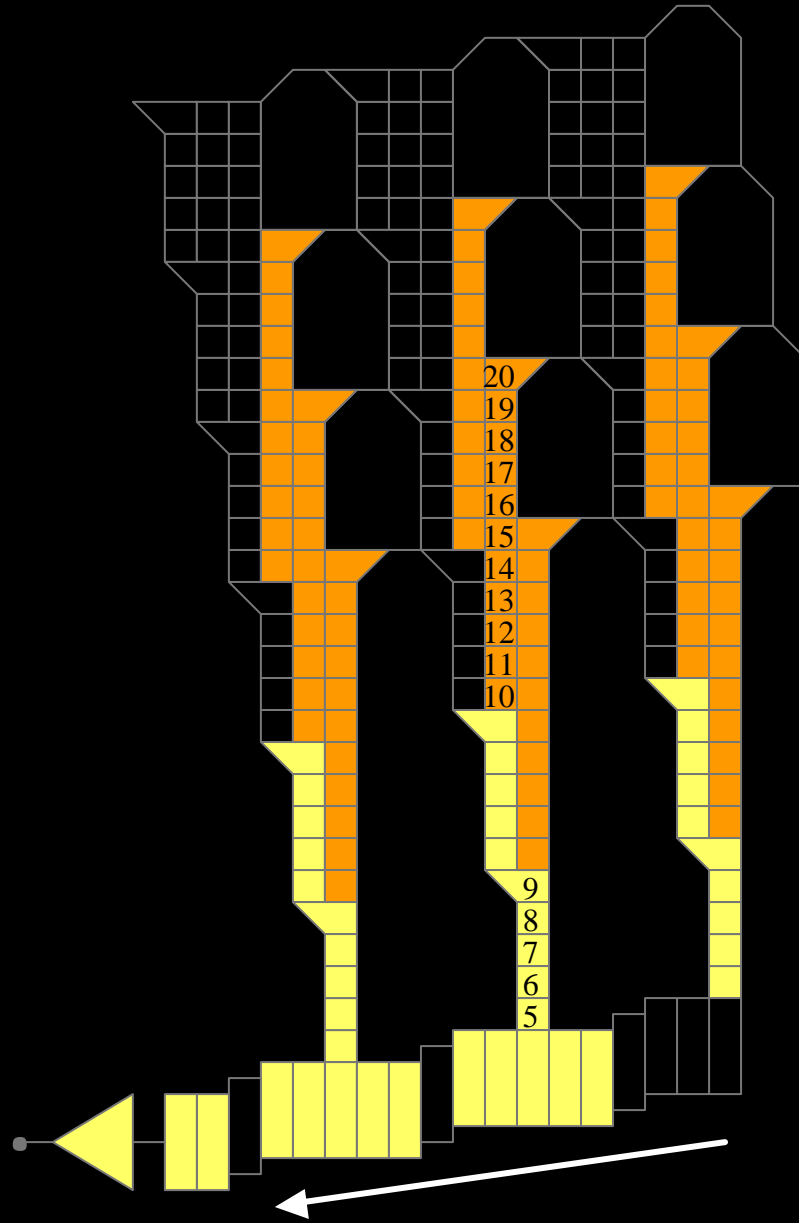
  Storagepixel

  Vertical Output-
register Pixel

  Horizontal Output-
register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

full empty

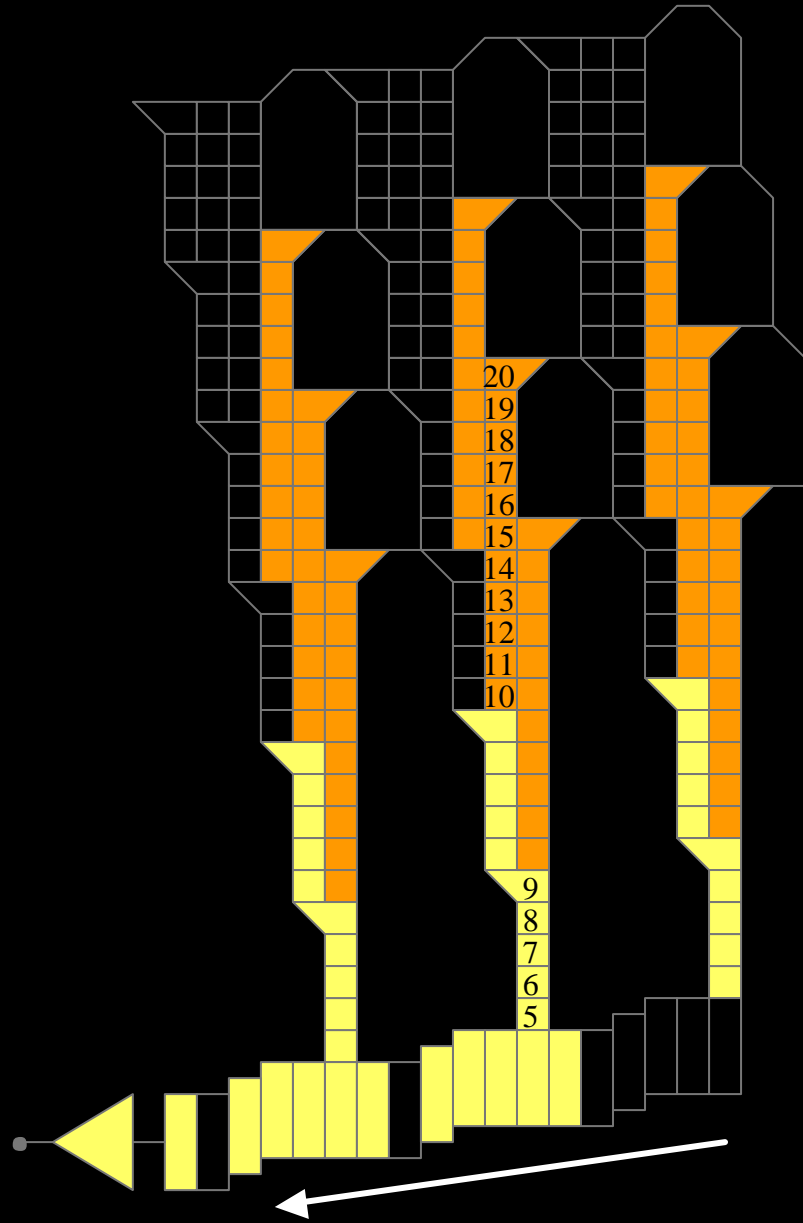
  Storagepixel

  Vertical Output-
register Pixel

  Horizontal Output-
register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

full empty

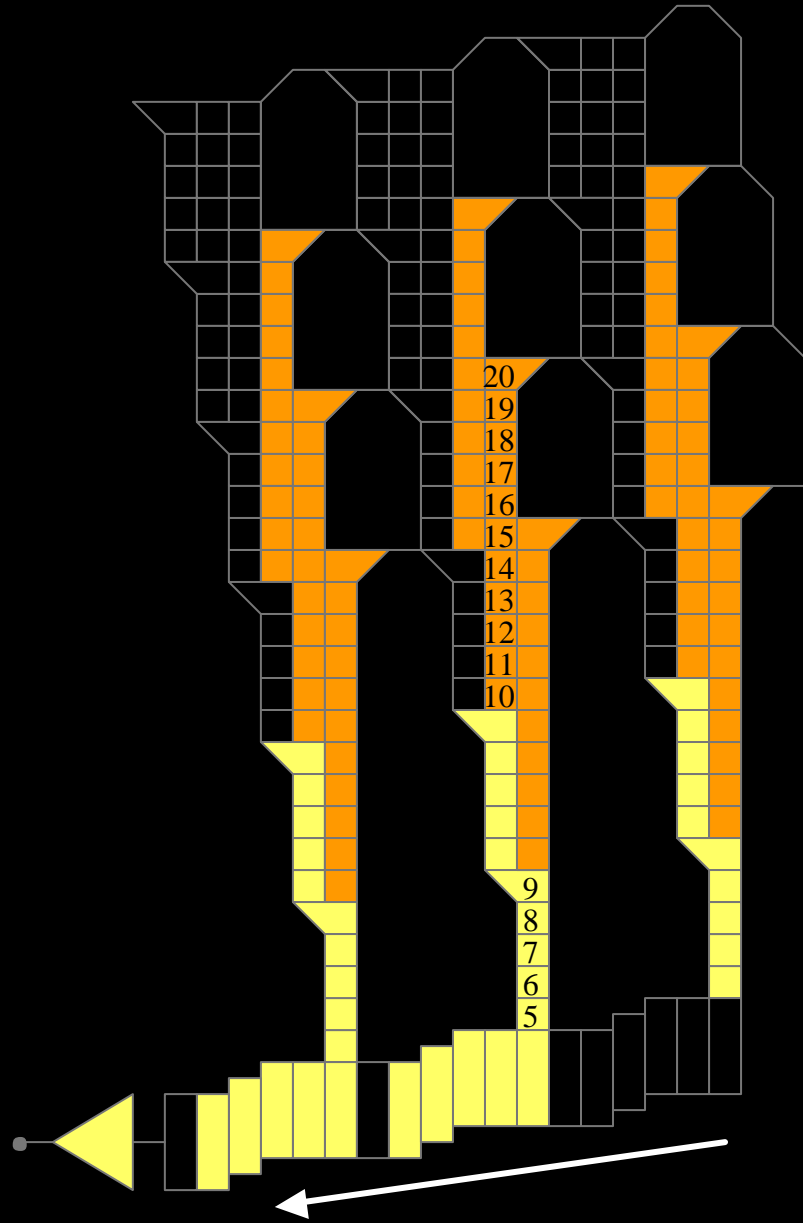
  Storagepixel

  Vertical Output-
register Pixel

  Horizontal Output-
register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

full empty



Storagepixel



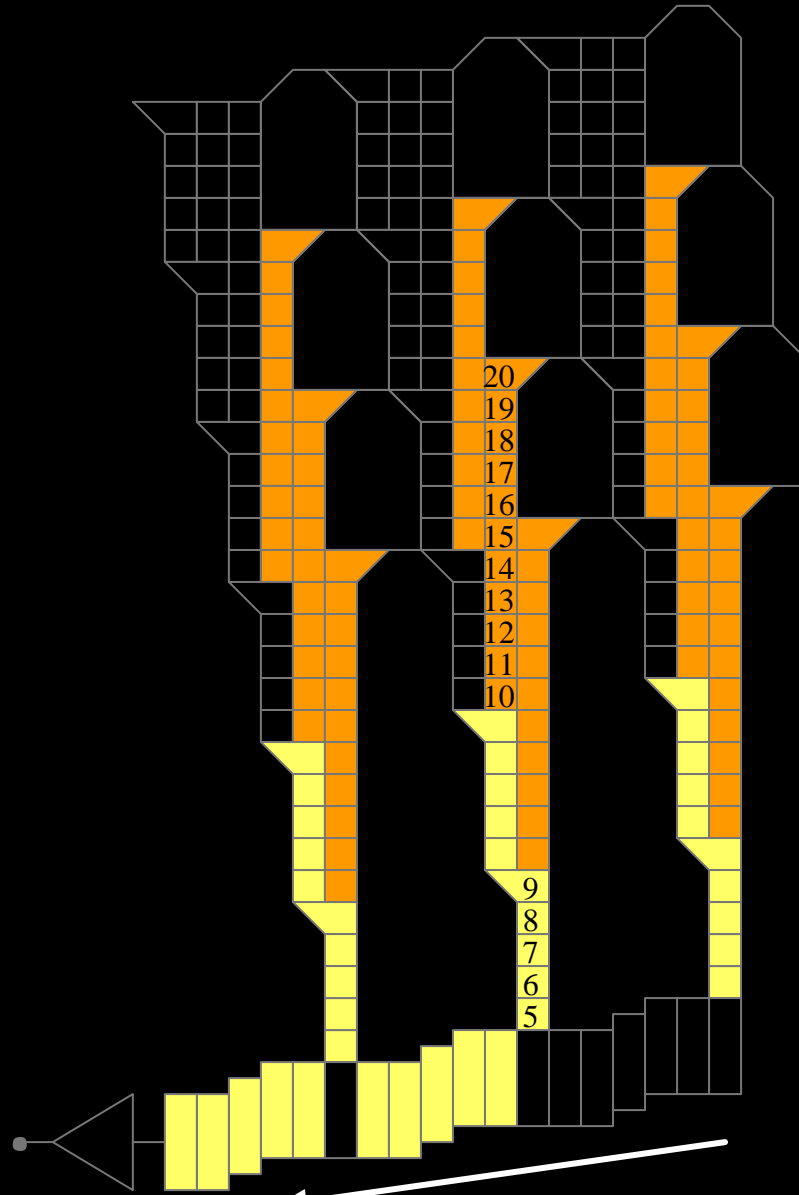
Vertical Output-
register Pixel



Horizontal Output-
register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical and horizontal Outputregister

full empty



Storagepixel



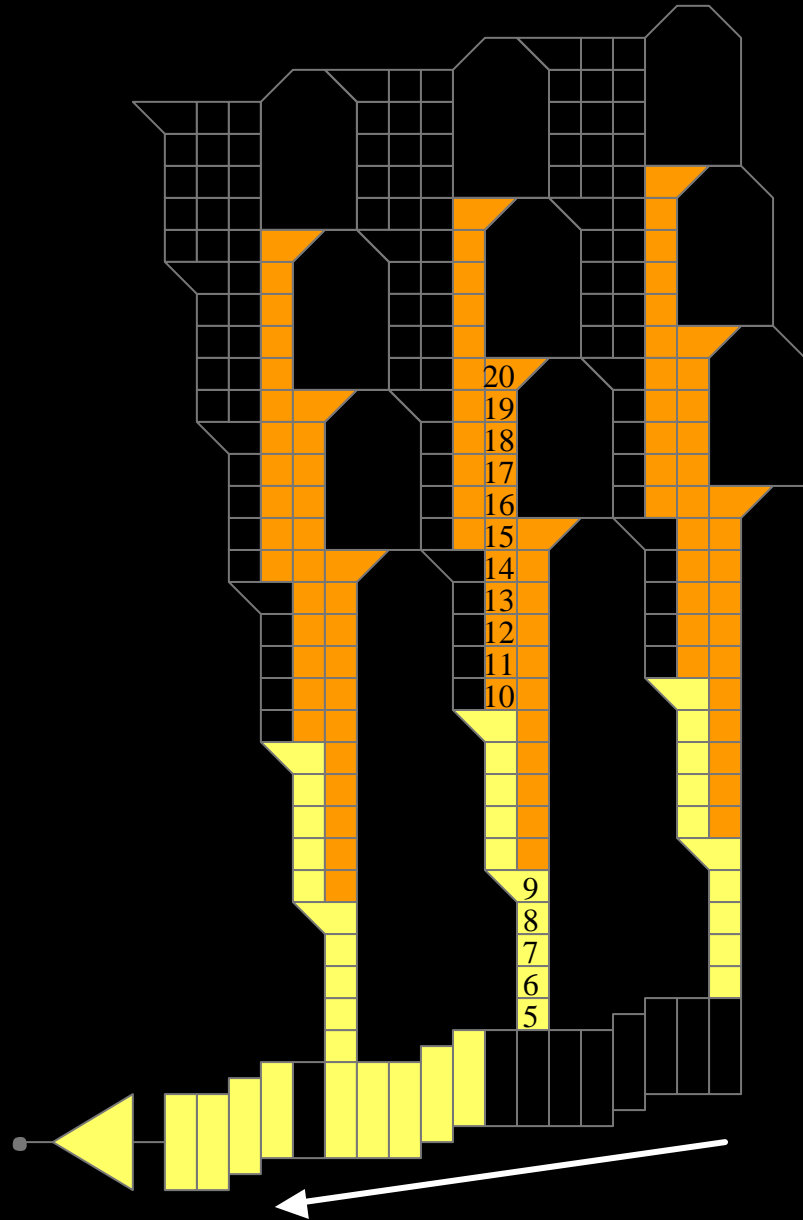
Vertical Output-register Pixel



Horizontal Output-register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

full empty



Storagepixel



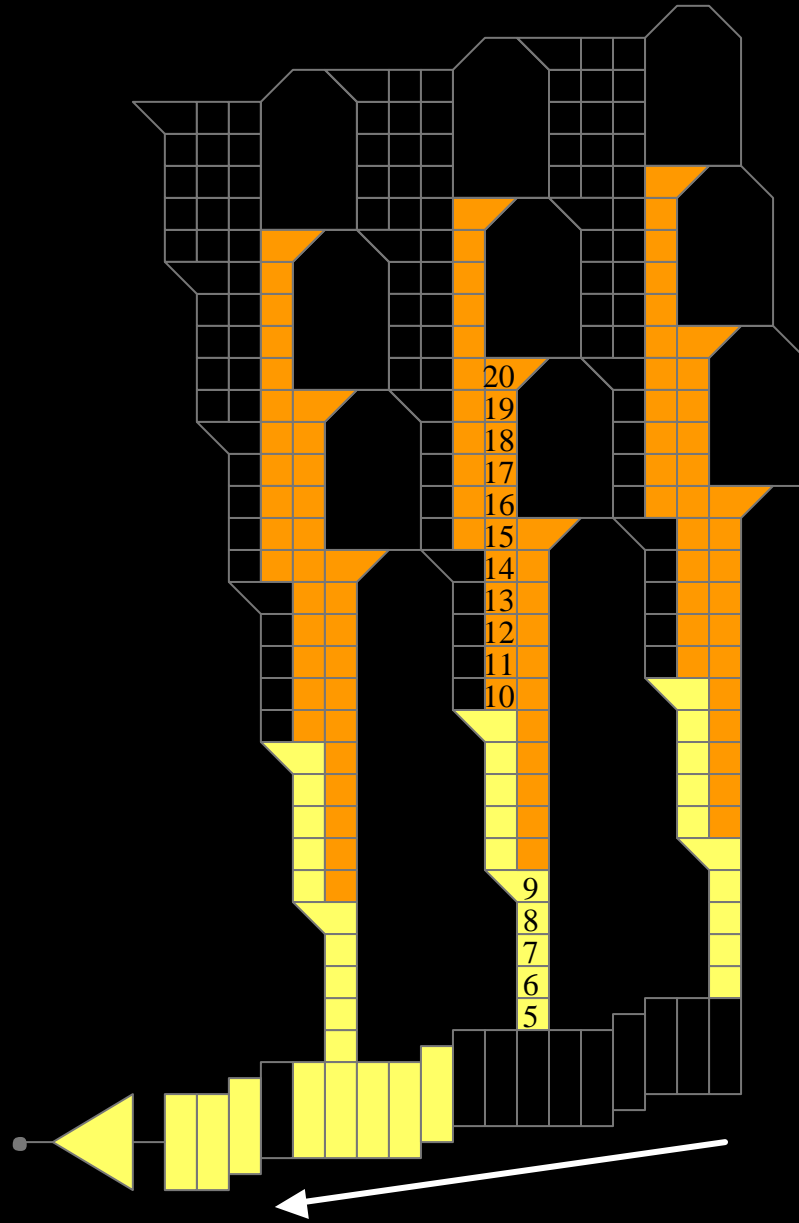
Vertical Output-
register Pixel



Horizontal Output-
register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

full empty



Storagepixel



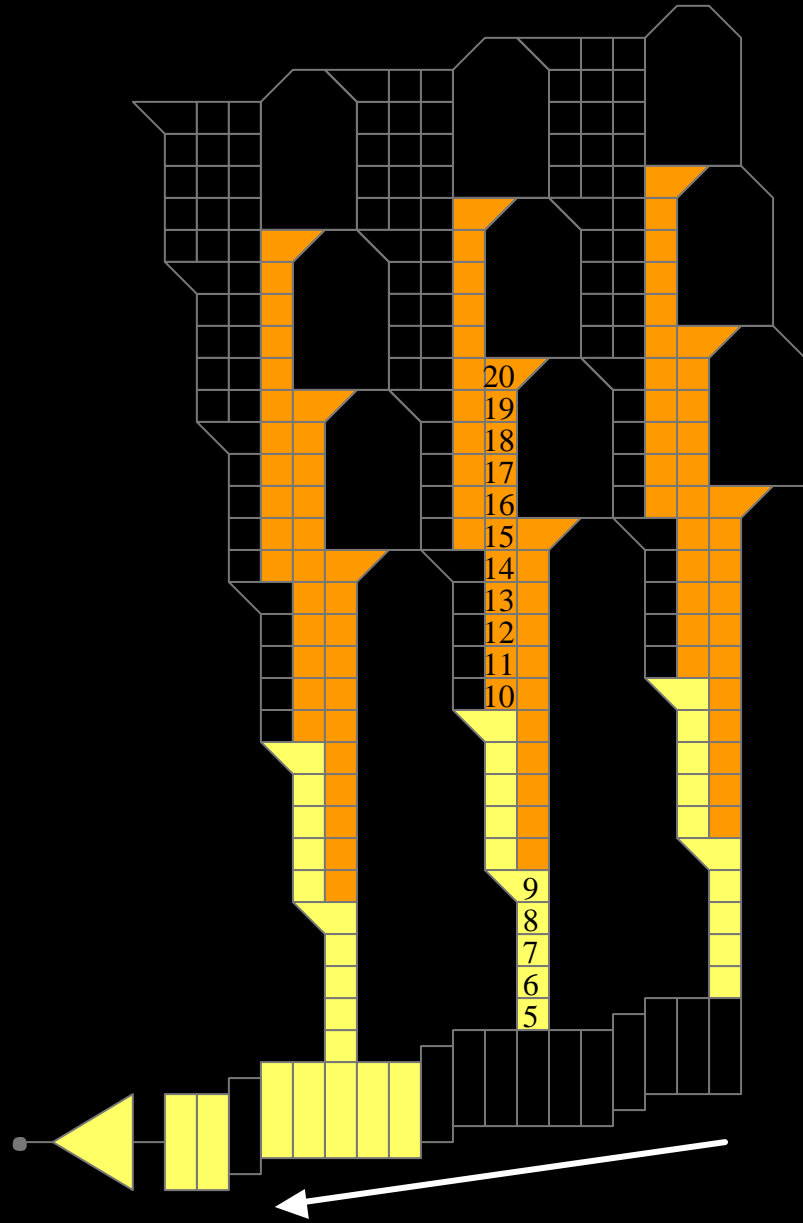
Vertical Output-
register Pixel



Horizontal Output-
register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

full empty

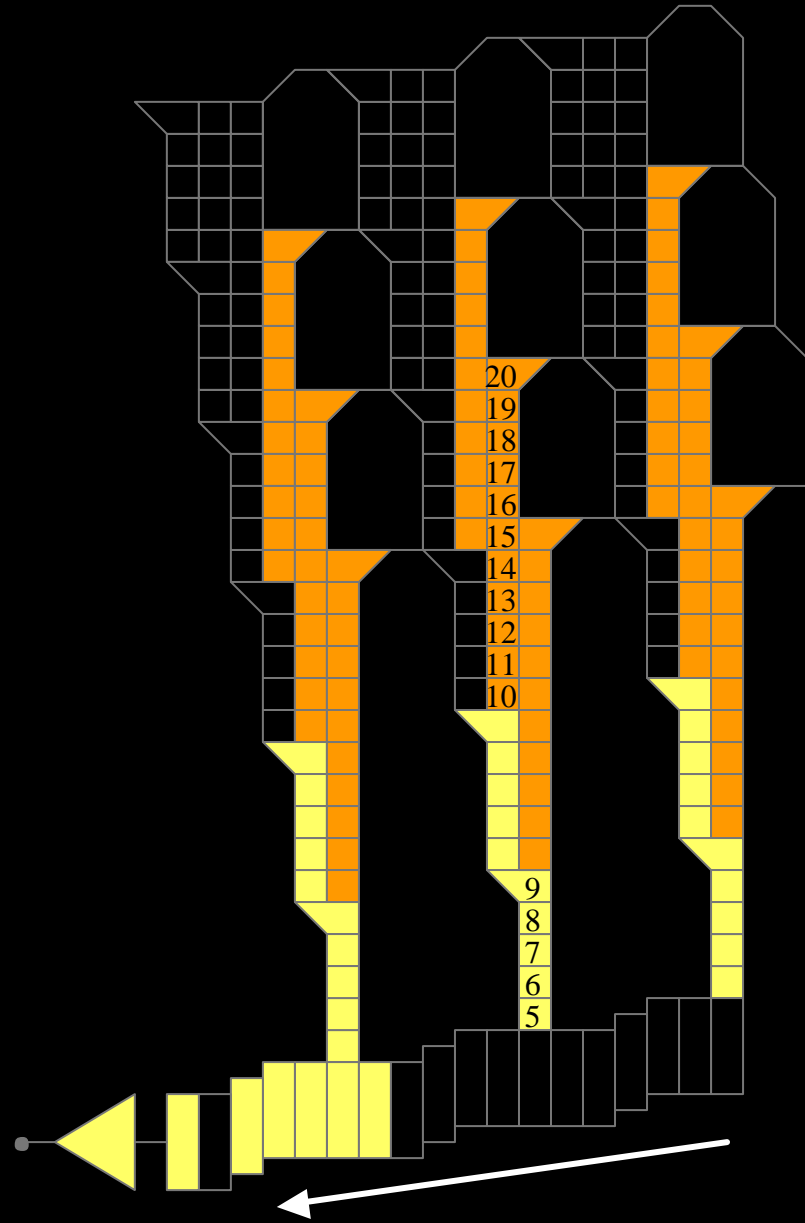
  Storagepixel

  Vertical Output-
register Pixel

  Horizontal Output-
register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

full empty



Storagepixel



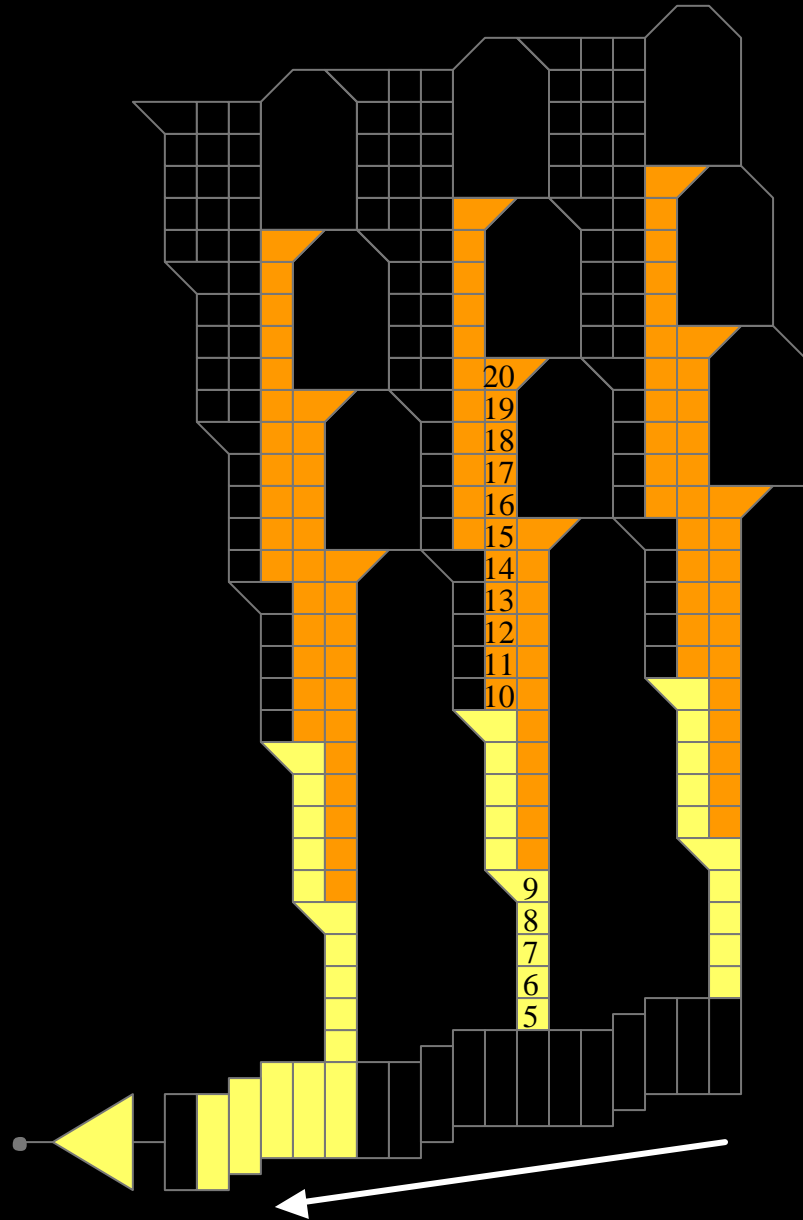
Vertical Output-
register Pixel



Horizontal Output-
register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

full empty

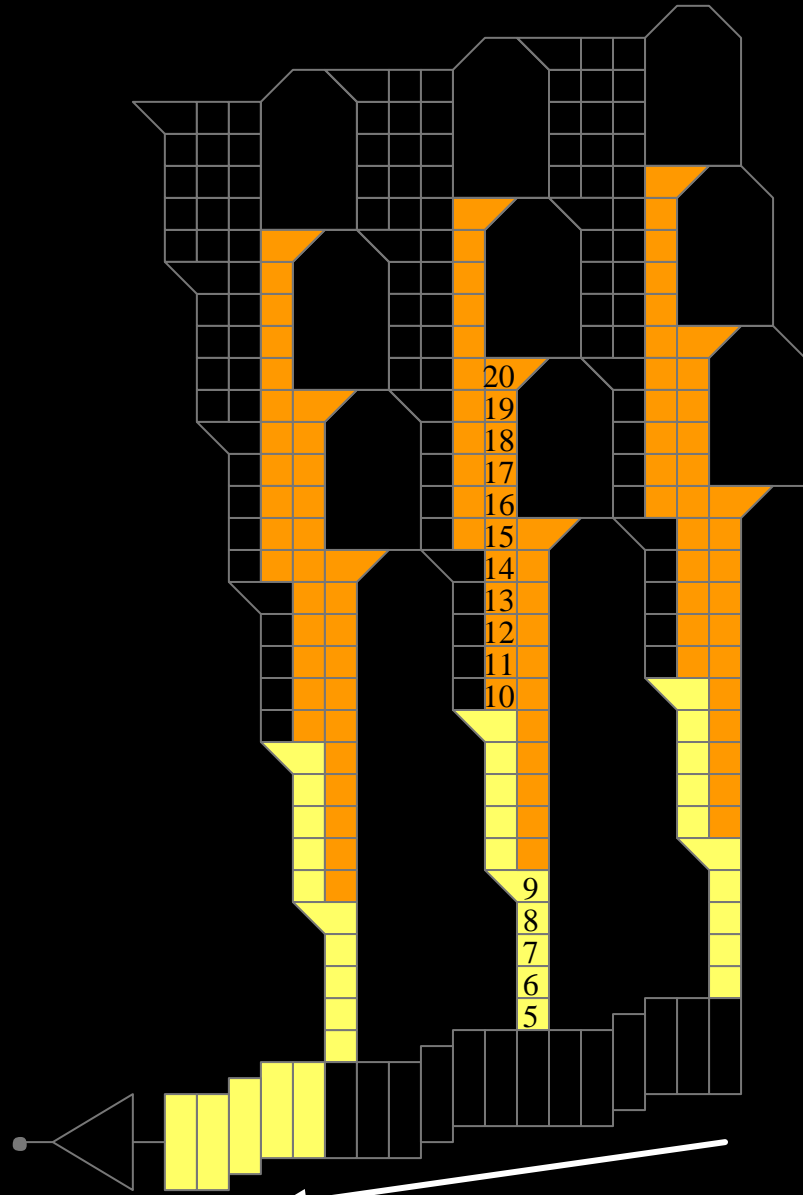
  Storagepixel

  Vertical Output-
register Pixel

  Horizontal Output-
register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

full empty



Storagepixel



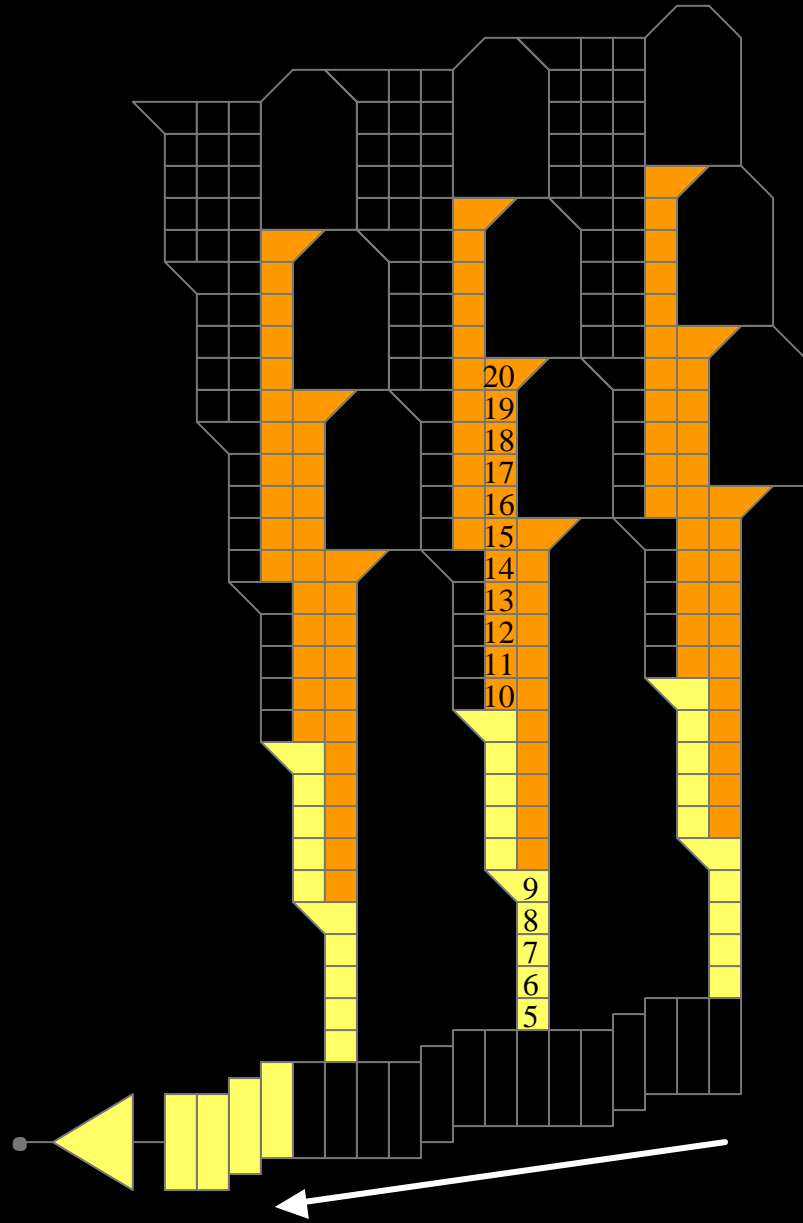
Vertical Output-
register Pixel



Horizontal Output-
register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

full empty



Storagepixel



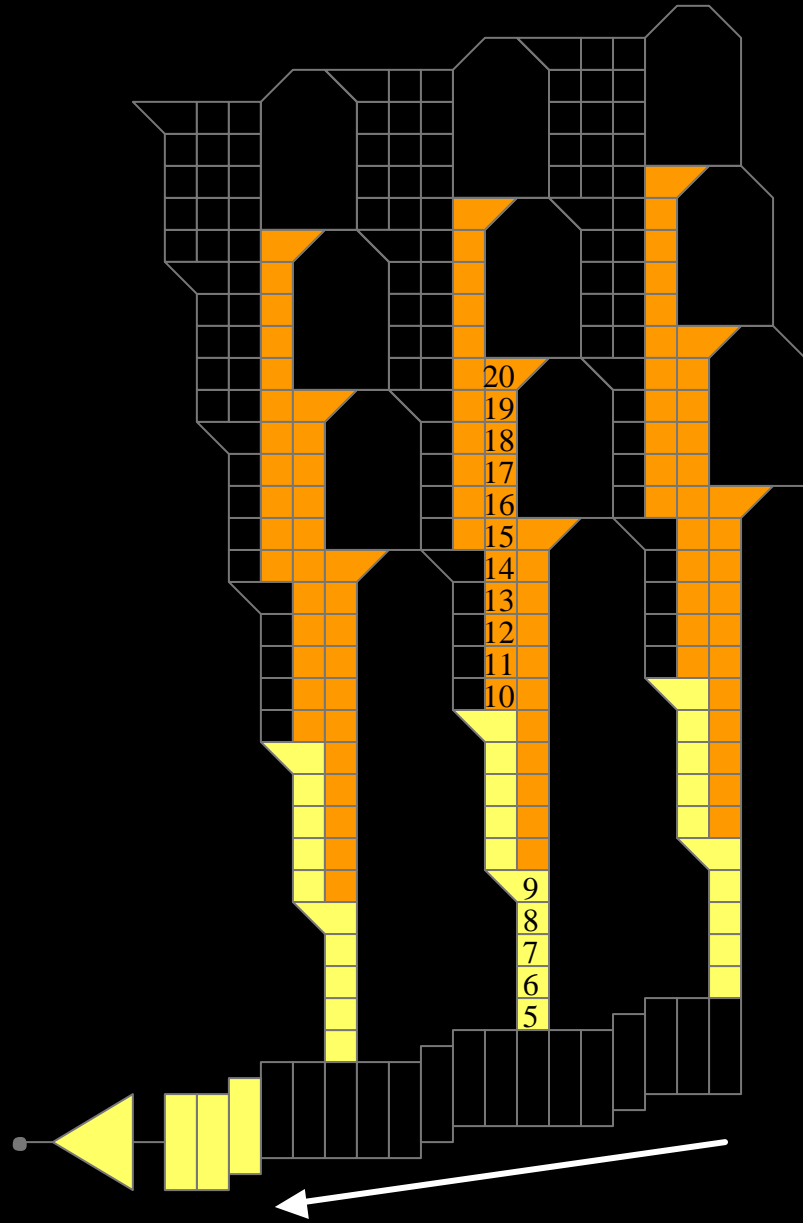
Vertical Output-
register Pixel



Horizontal Output-
register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

full empty



Storagepixel



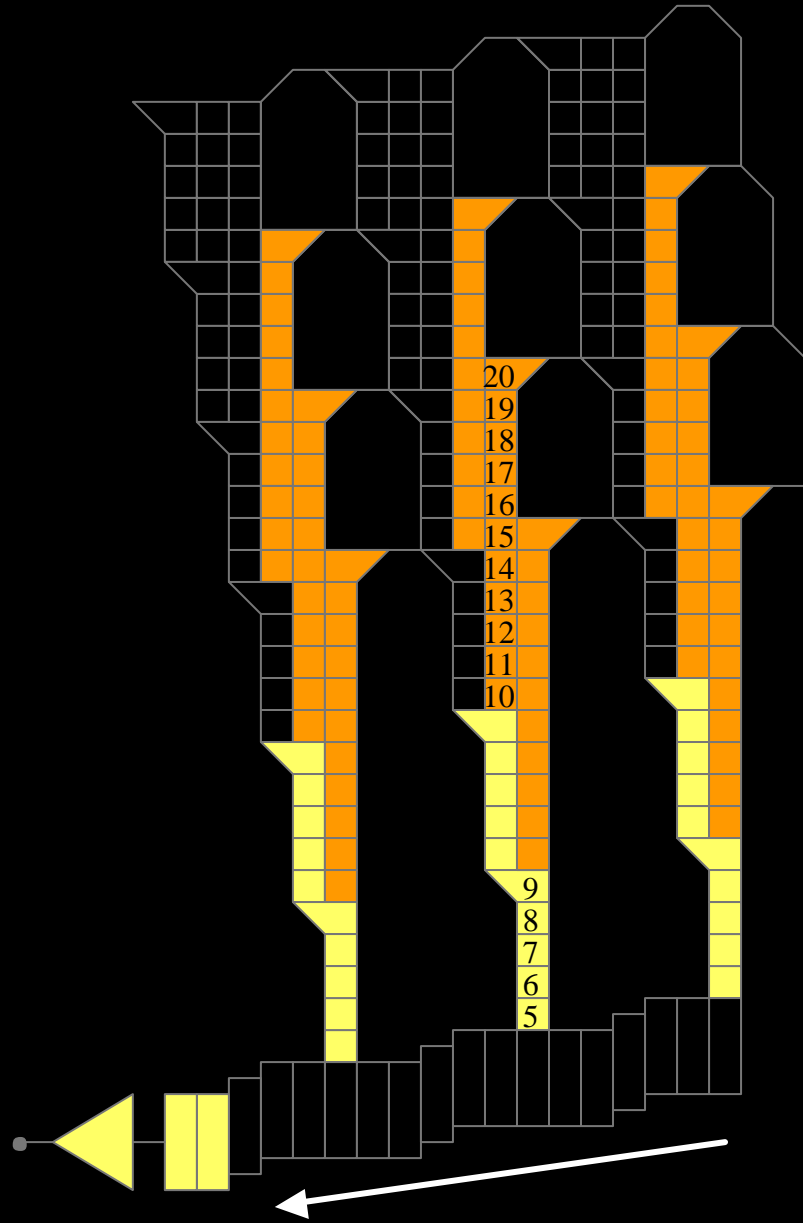
Vertical Output-
register Pixel



Horizontal Output-
register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

full empty



Storagepixel



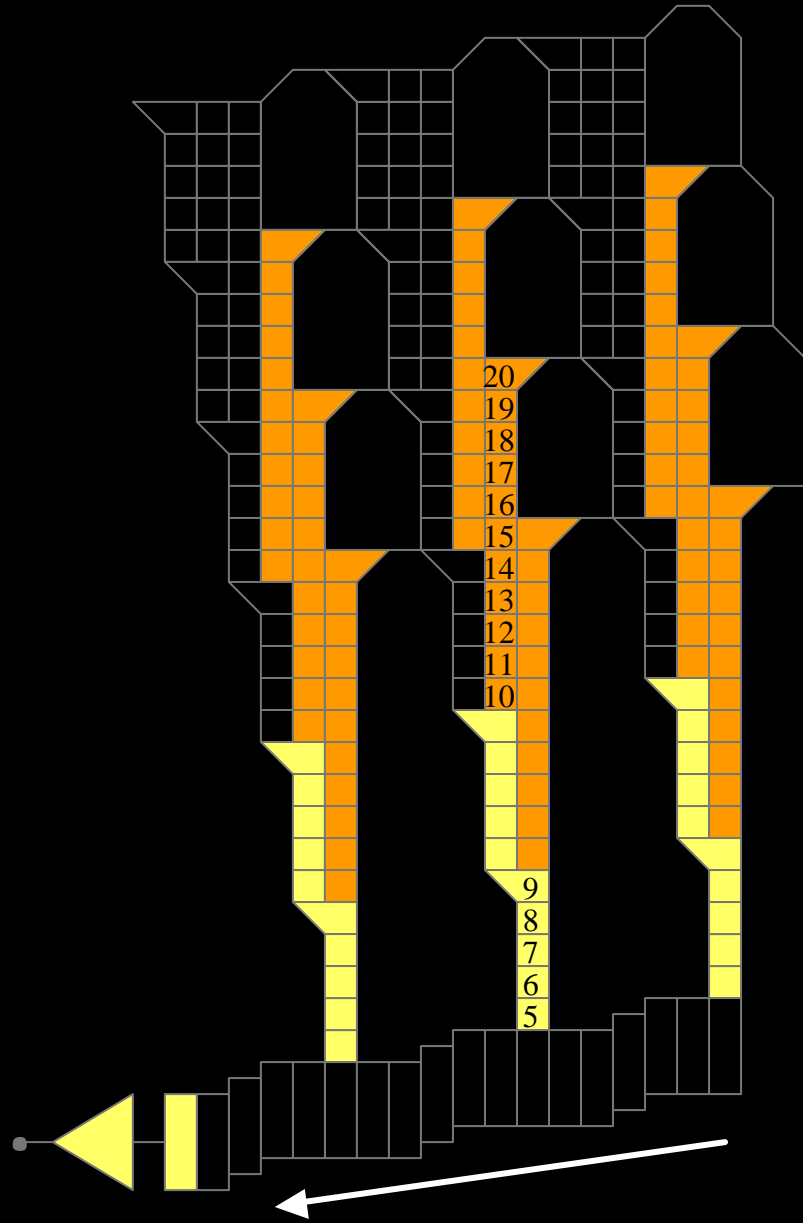
Vertical Output-
register Pixel



Horizontal Output-
register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

full empty



Storagepixel



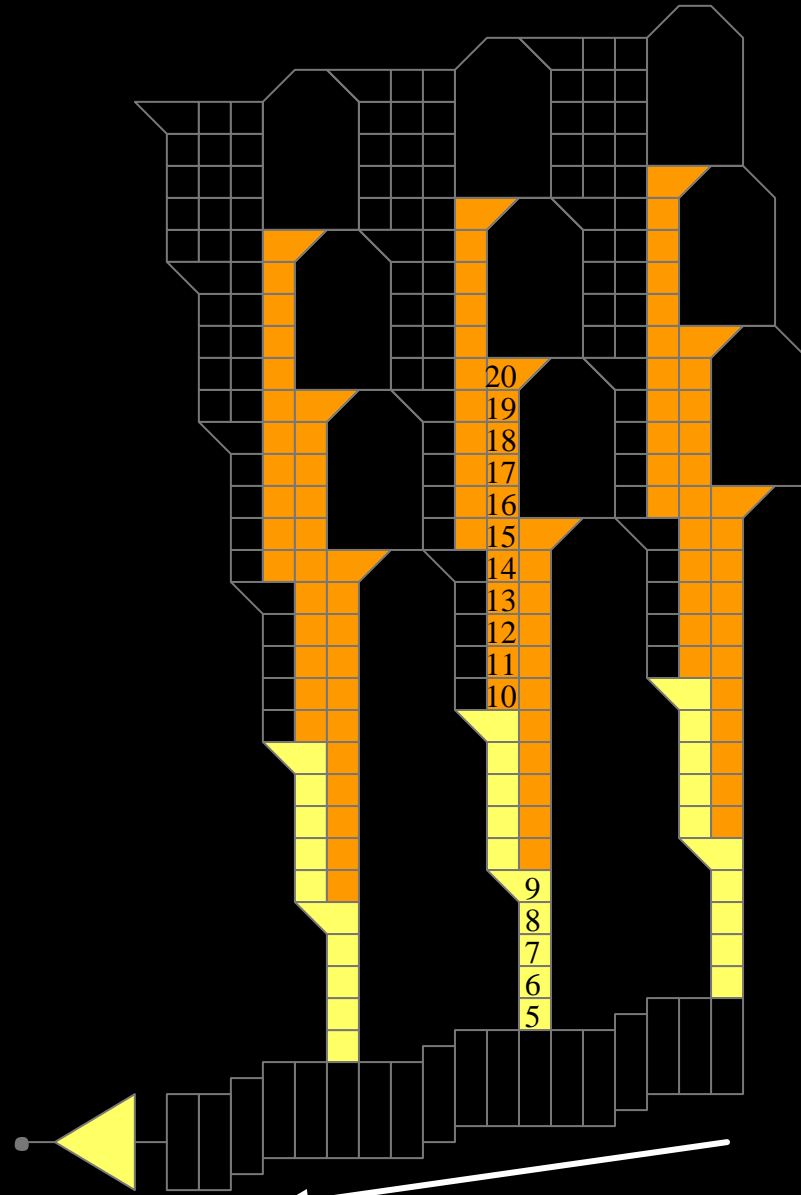
Vertical Output-
register Pixel



Horizontal Output-
register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

full empty

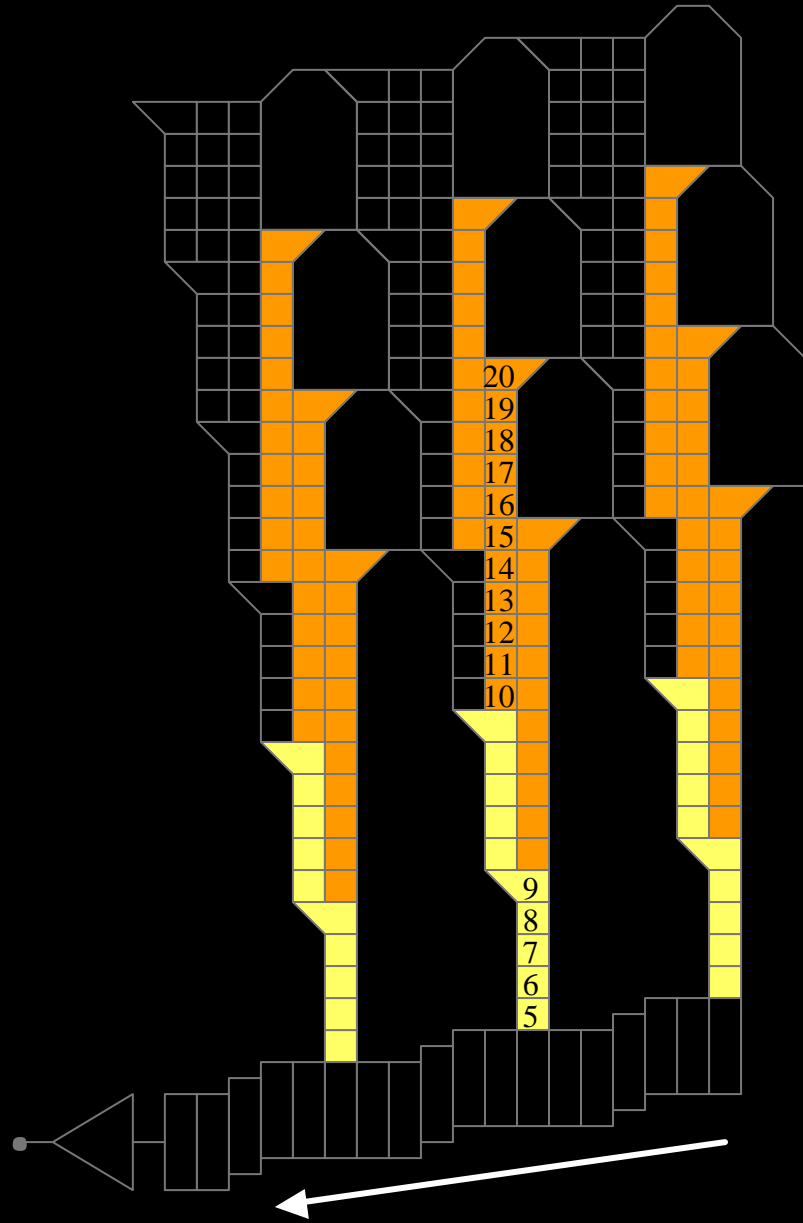
  Storagepixel

  Vertical Output-
register Pixel

  Horizontal Output-
register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

full empty



Storagepixel



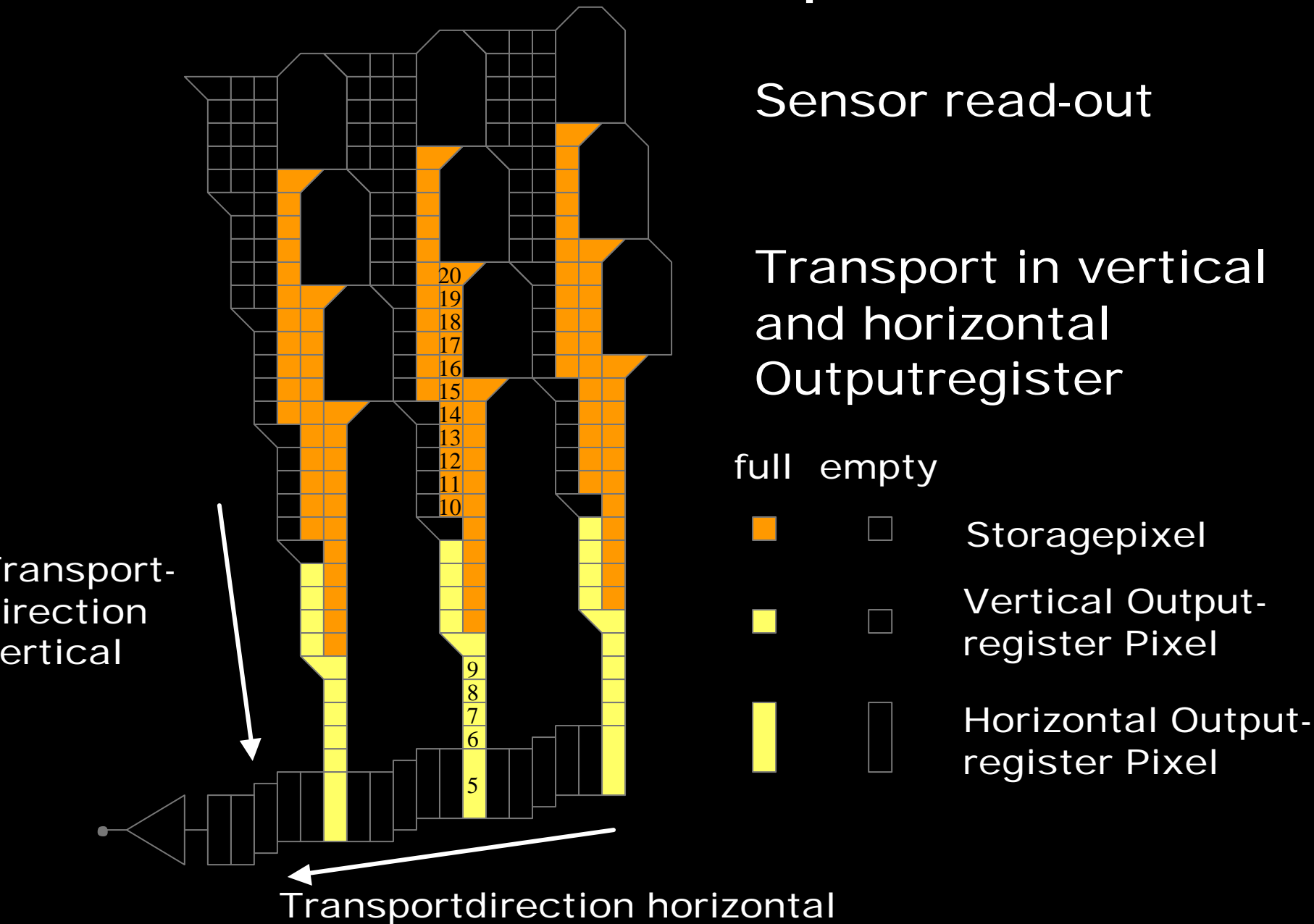
Vertical Output-
register Pixel



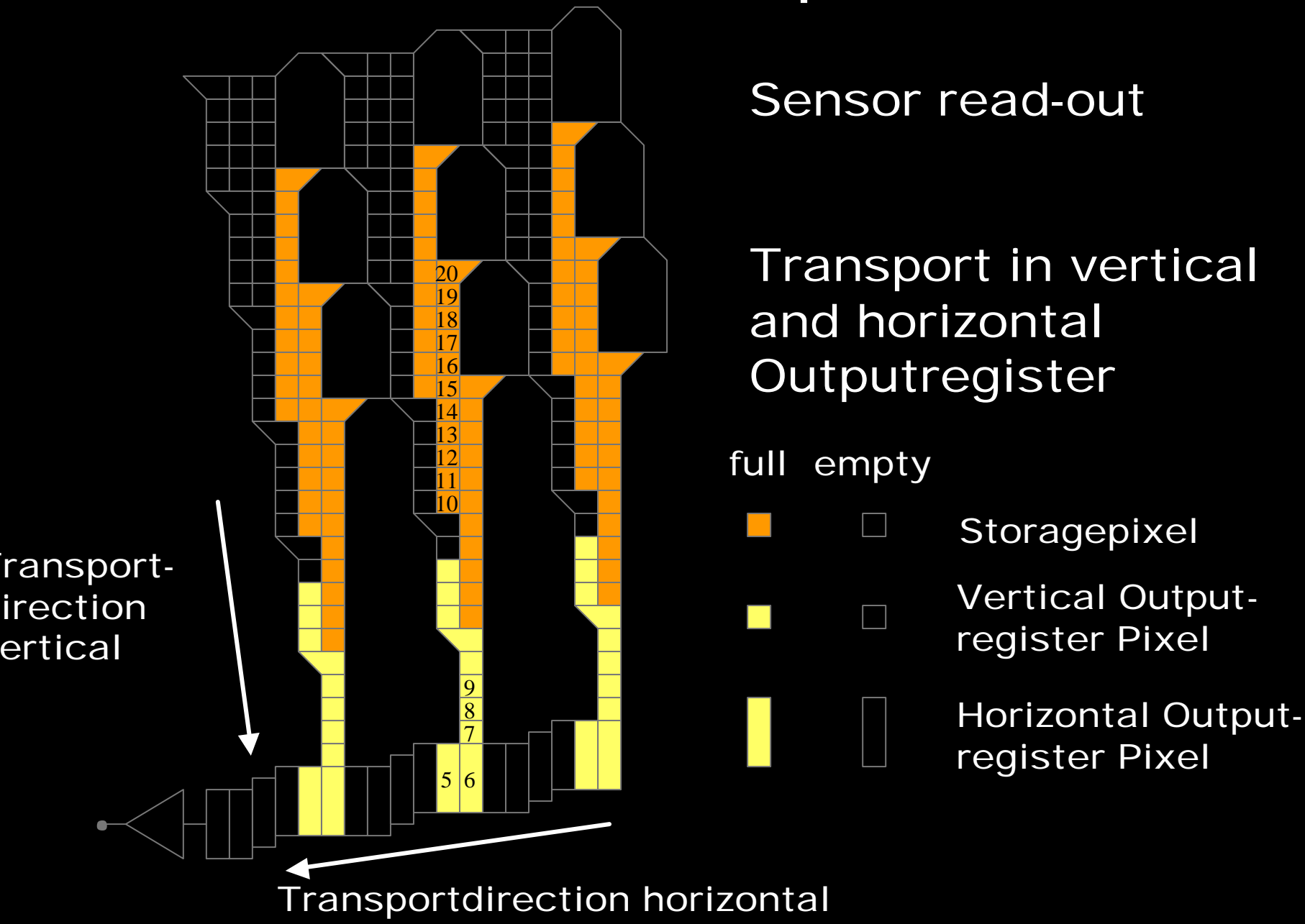
Horizontal Output-
register Pixel

Transportdirection horizontal

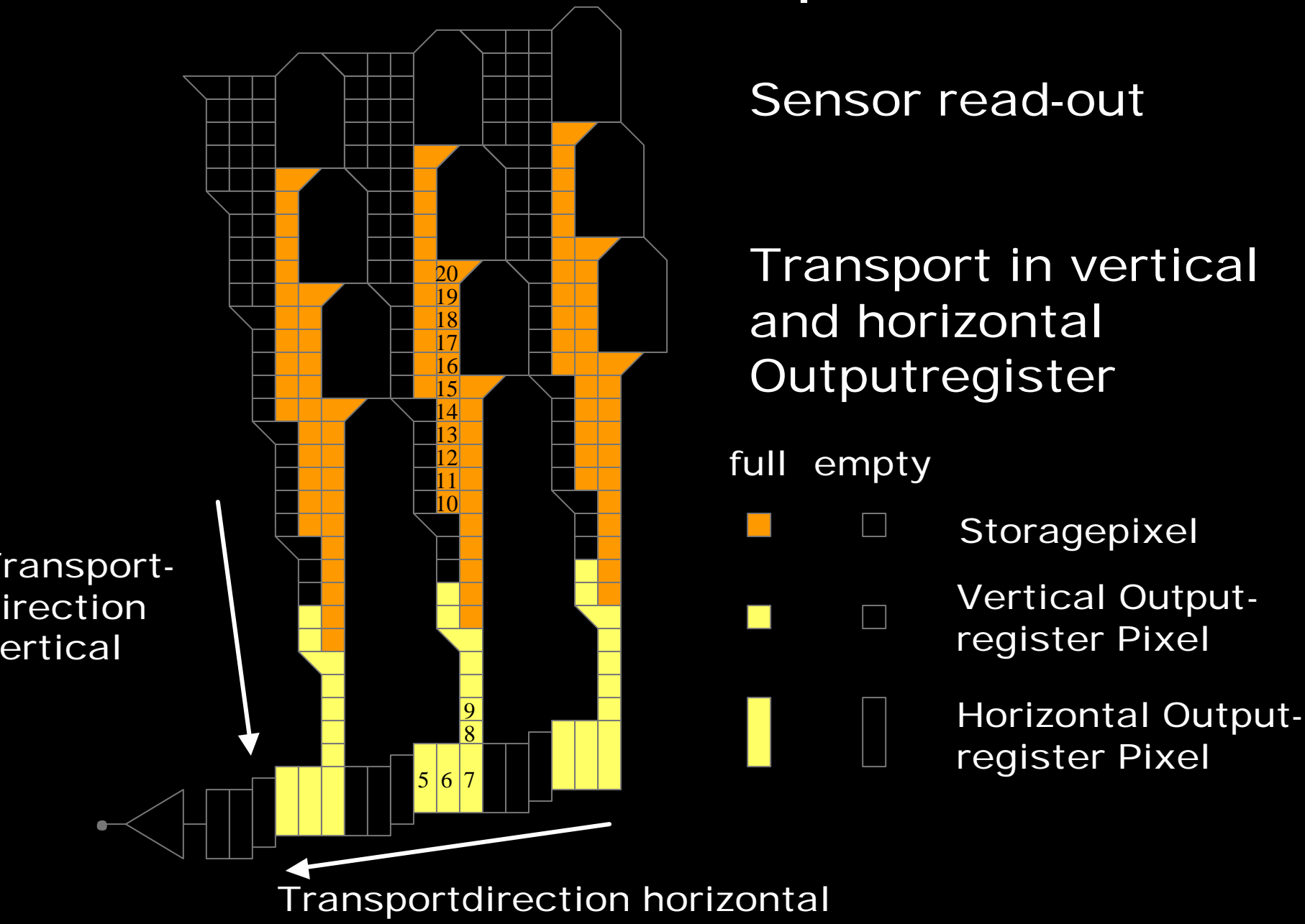
ISIS Principle



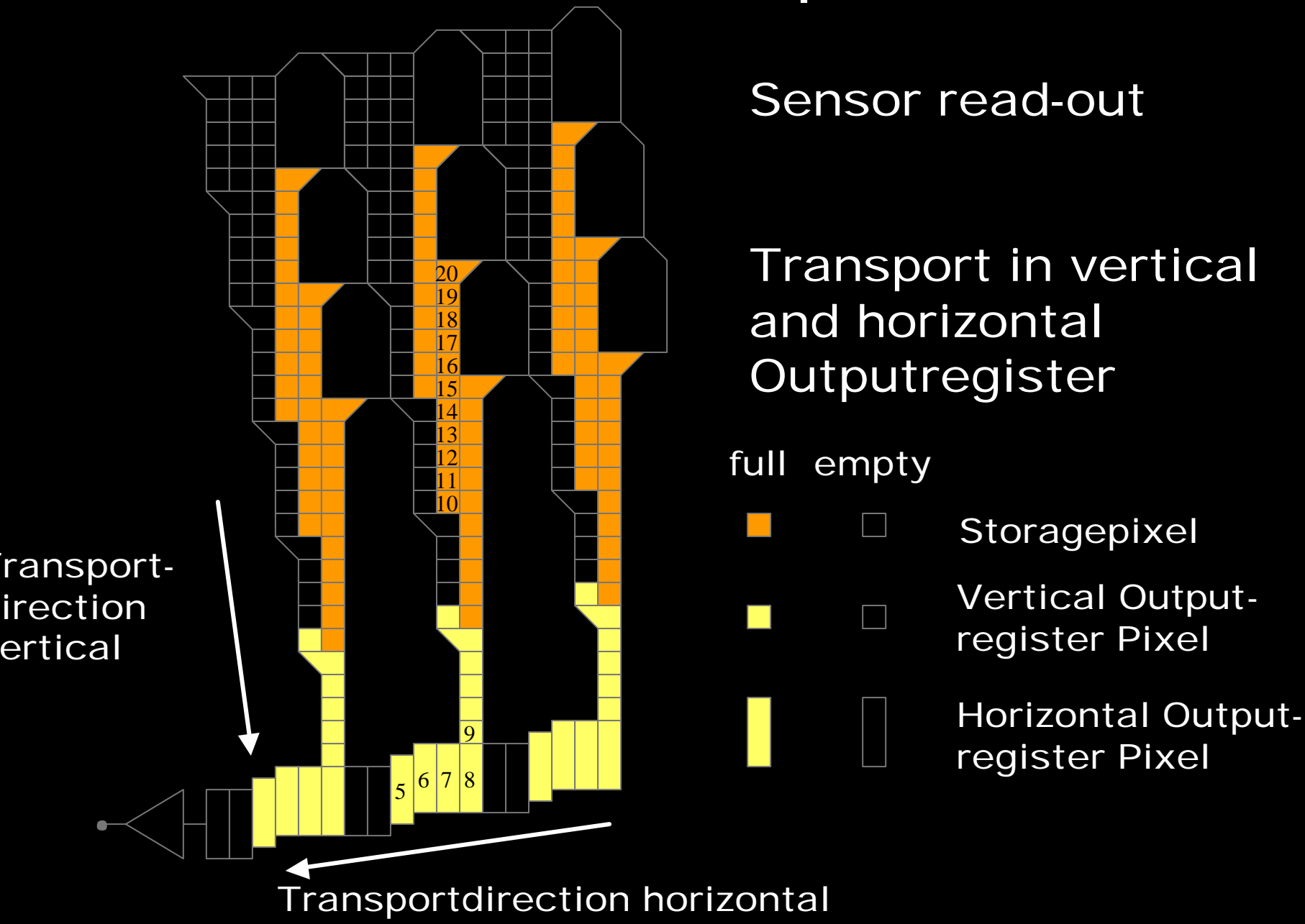
ISIS Principle



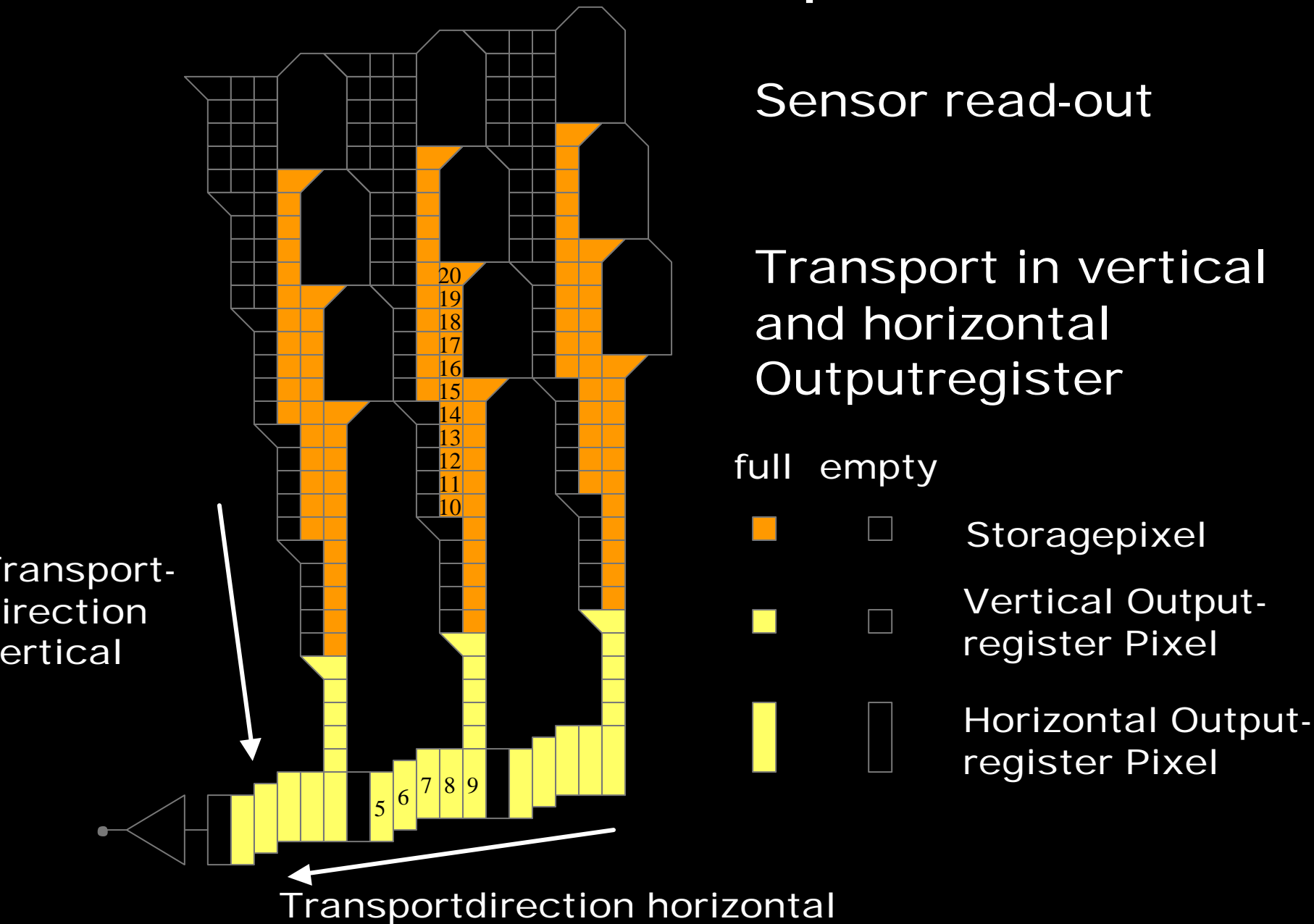
ISIS Principle



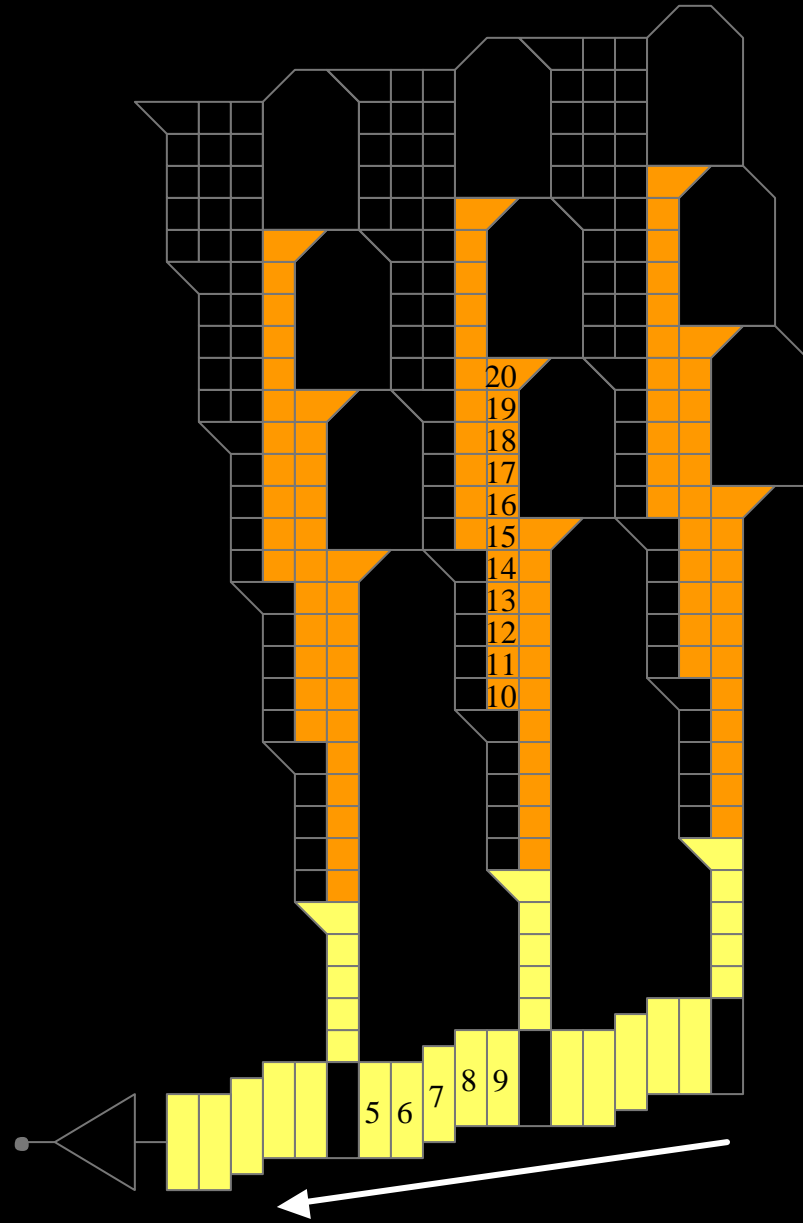
ISIS Principle



ISIS Principle



ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

full empty

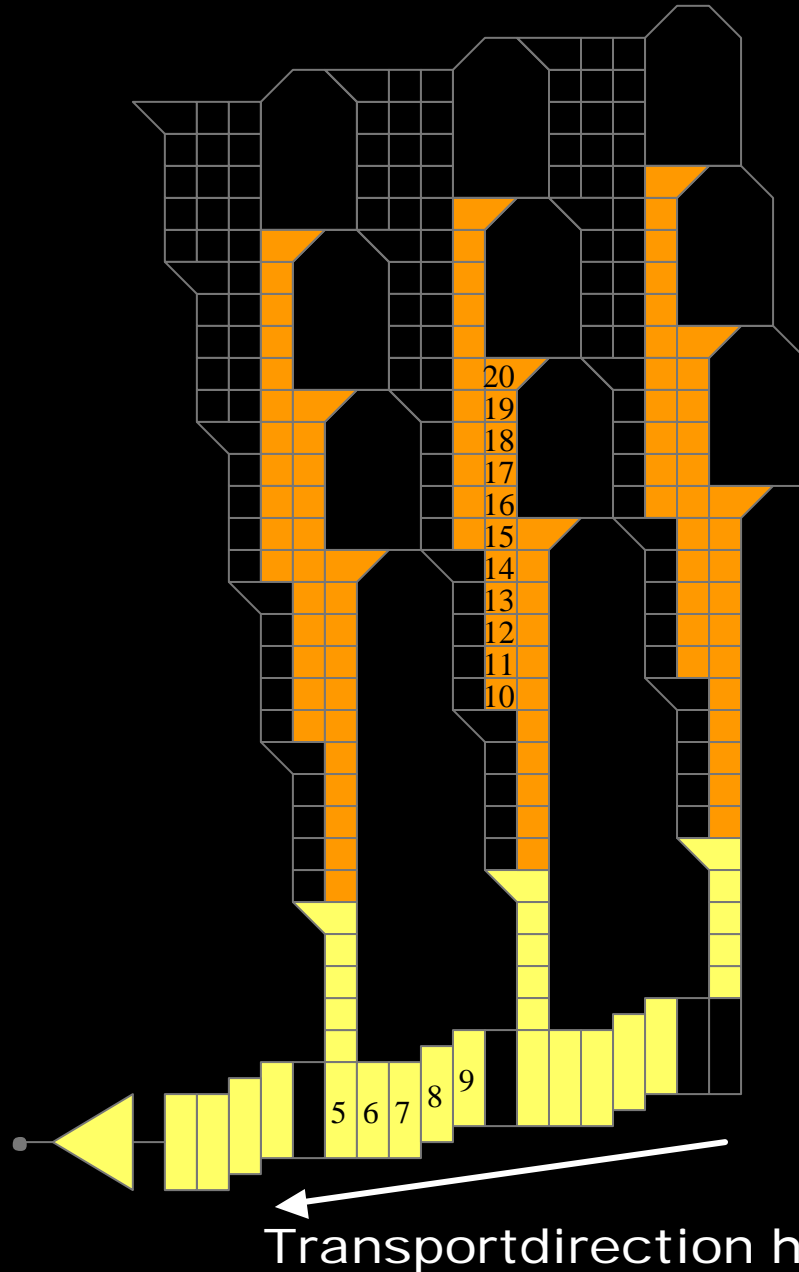
  Storagepixel

  Vertical Output-
register Pixel

  Horizontal Output-
register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

full empty

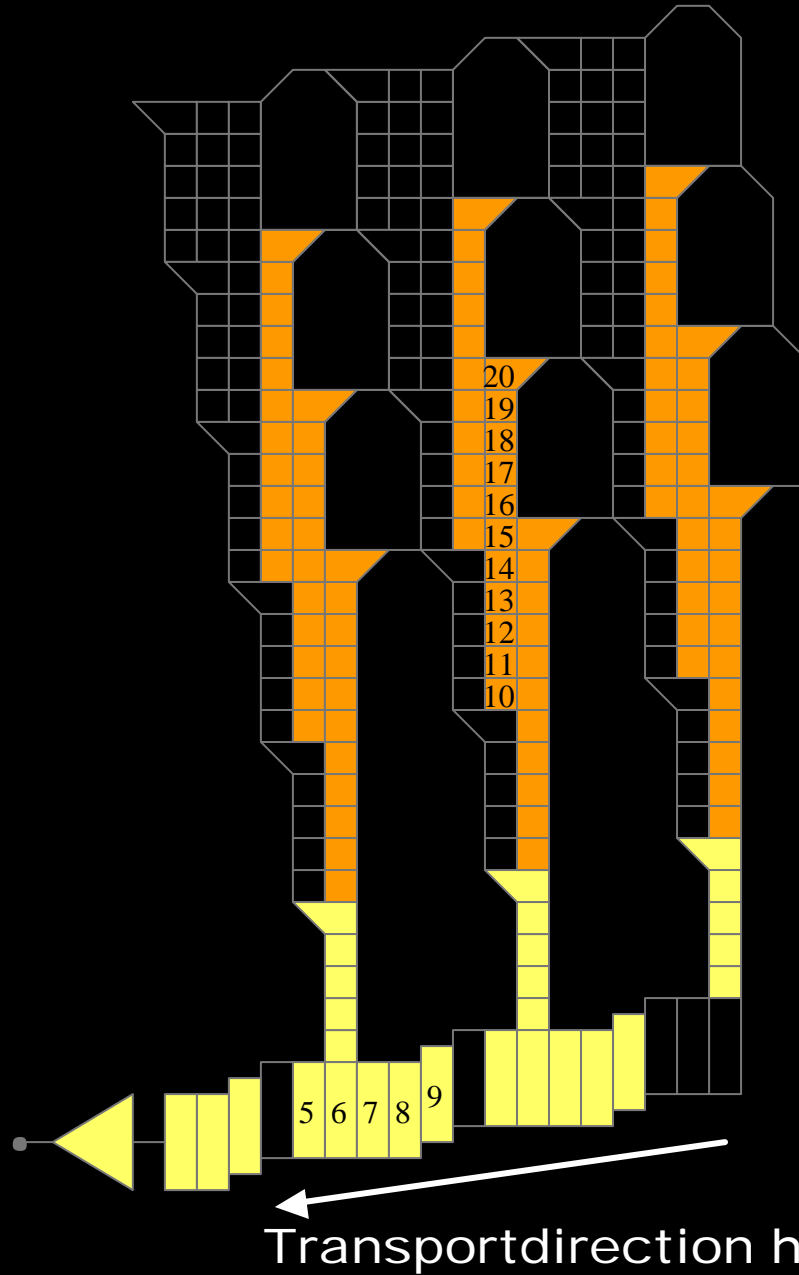
  Storage pixel

  Vertical Output-
register Pixel

  Horizontal Output-
register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

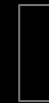
full empty



Storagepixel



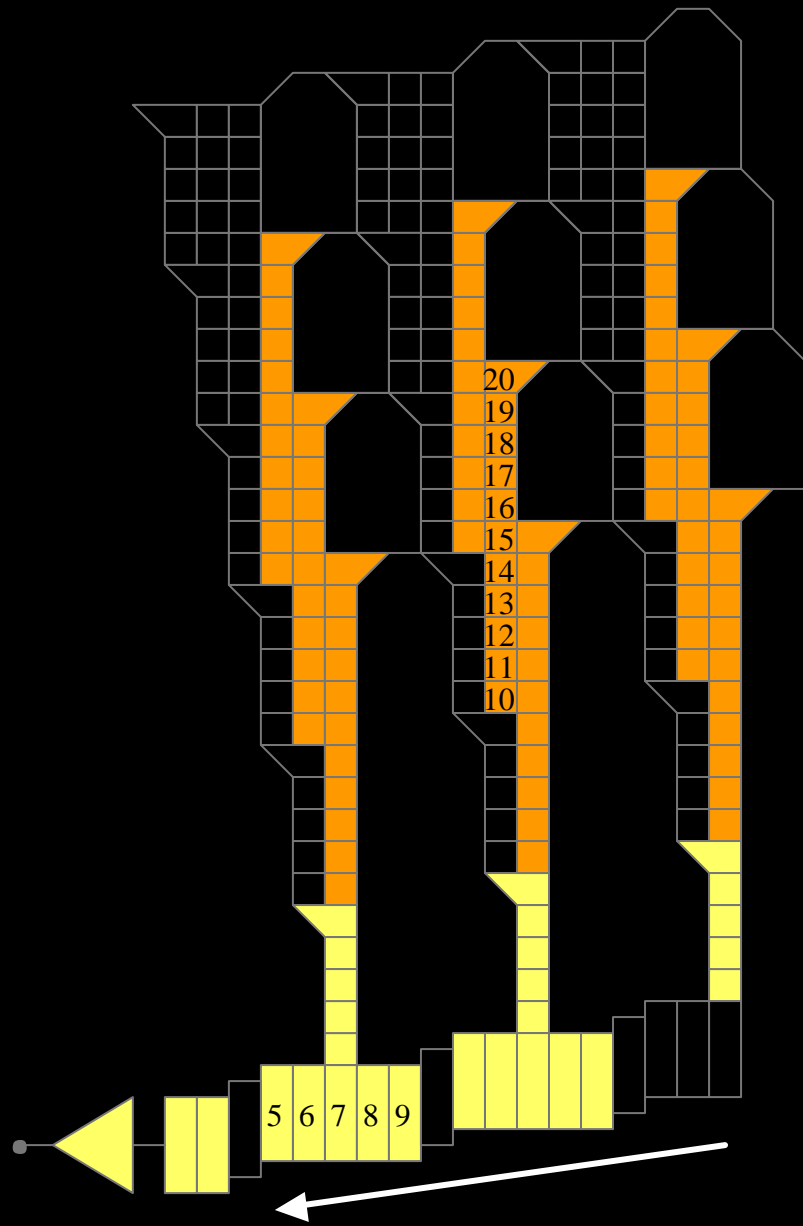
Vertical Output-
register Pixel



Horizontal Output-
register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

full empty

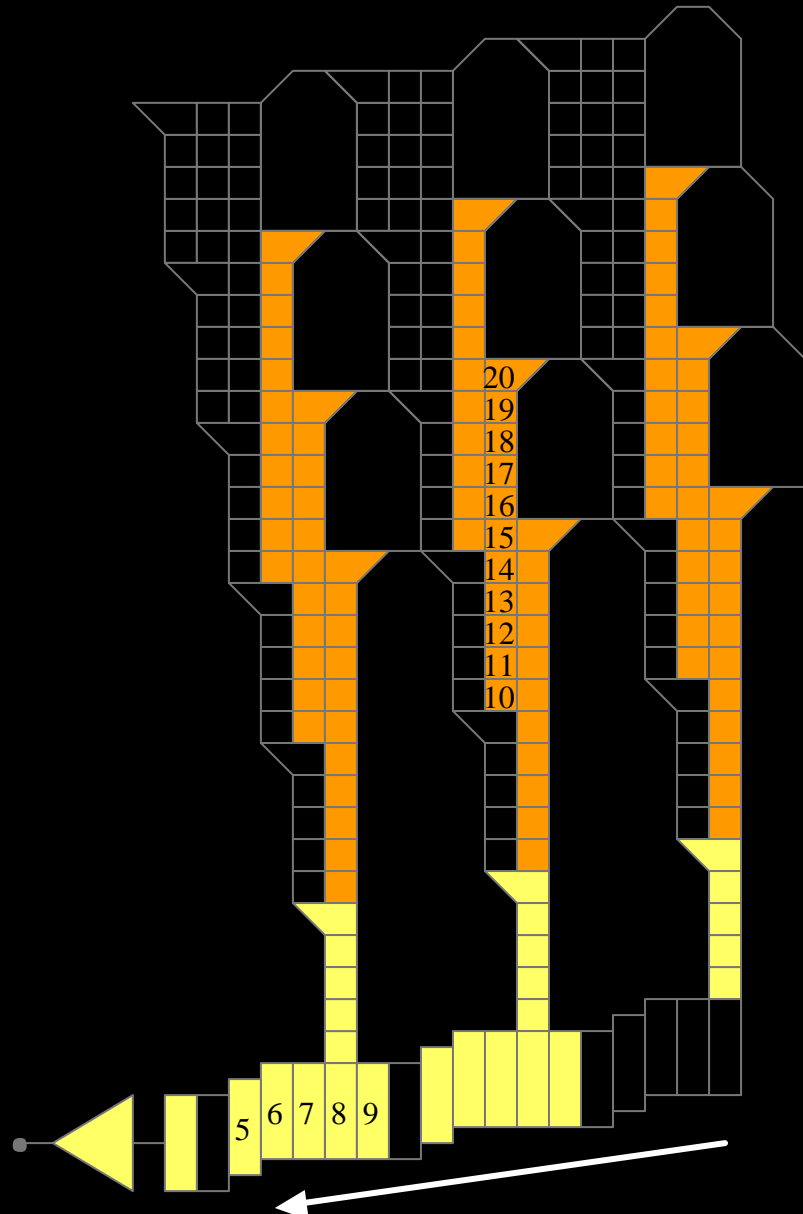
  Storagepixel

  Vertical Output-
register Pixel

  Horizontal Output-
register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

full empty



Storagepixel



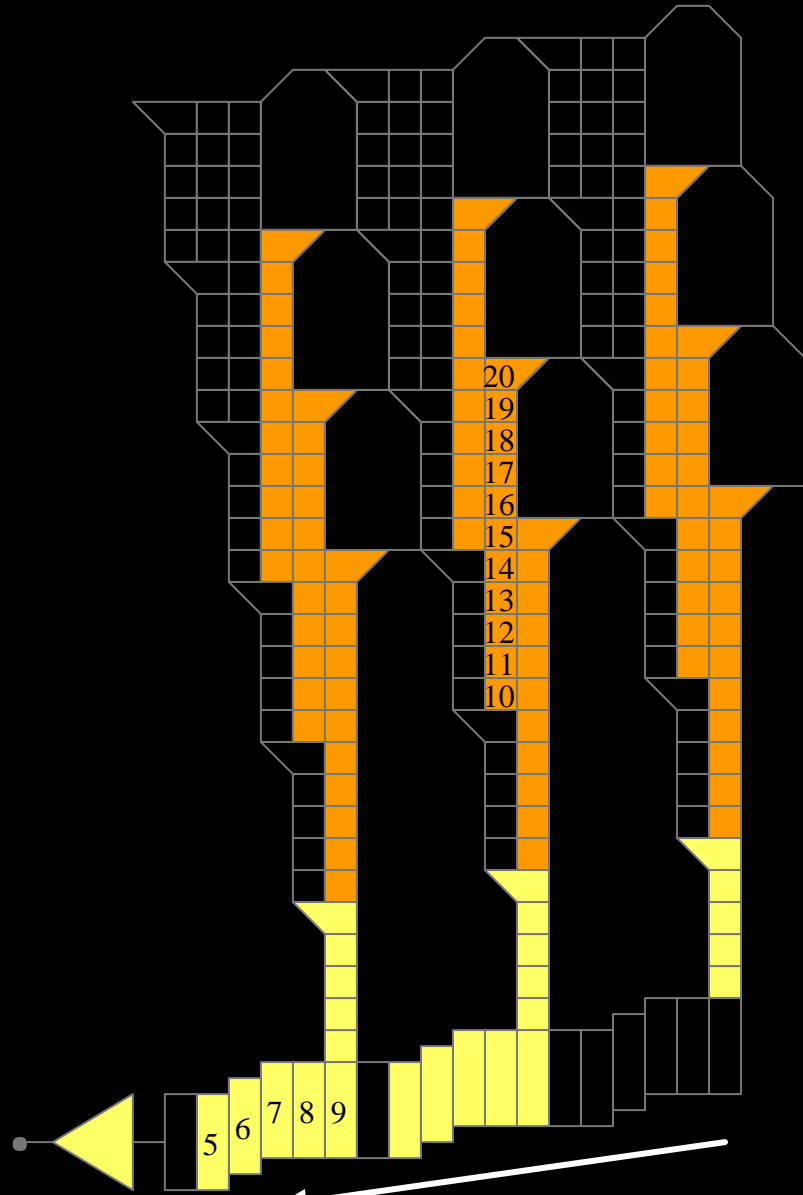
Vertical Output-
register Pixel



Horizontal Output-
register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

full empty

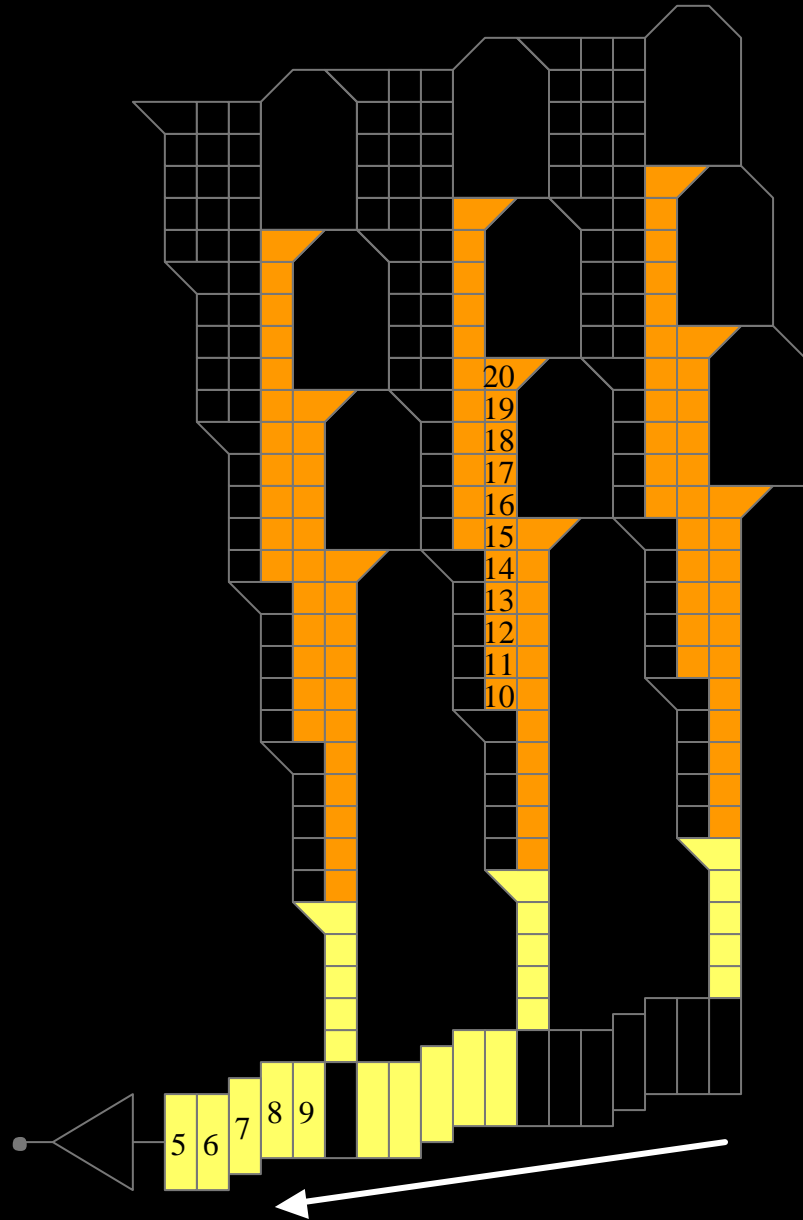
  Storagepixel

  Vertical Output-
register Pixel

  Horizontal Output-
register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

full empty



Storagepixel



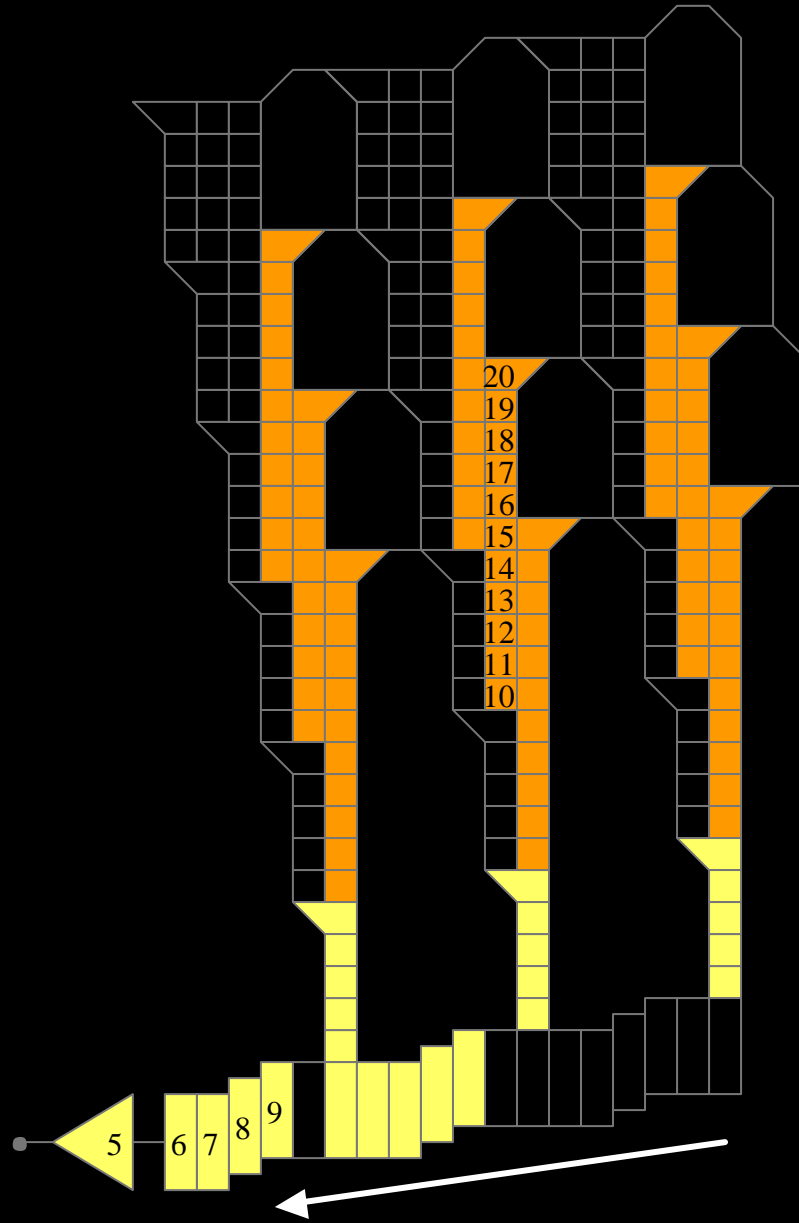
Vertical Output-
register Pixel



Horizontal Output-
register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

full empty

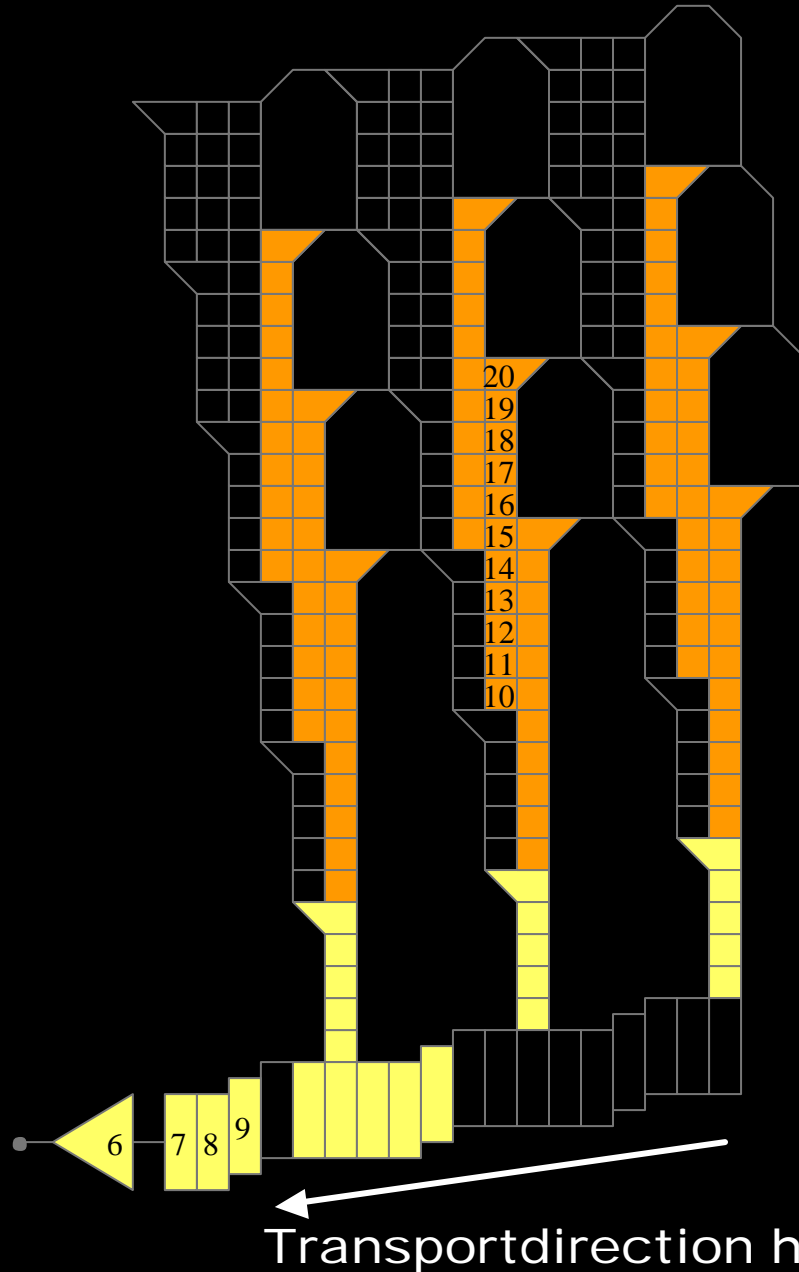
  Storagepixel

  Vertical Output-
register Pixel

  Horizontal Output-
register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

full empty



Storagepixel



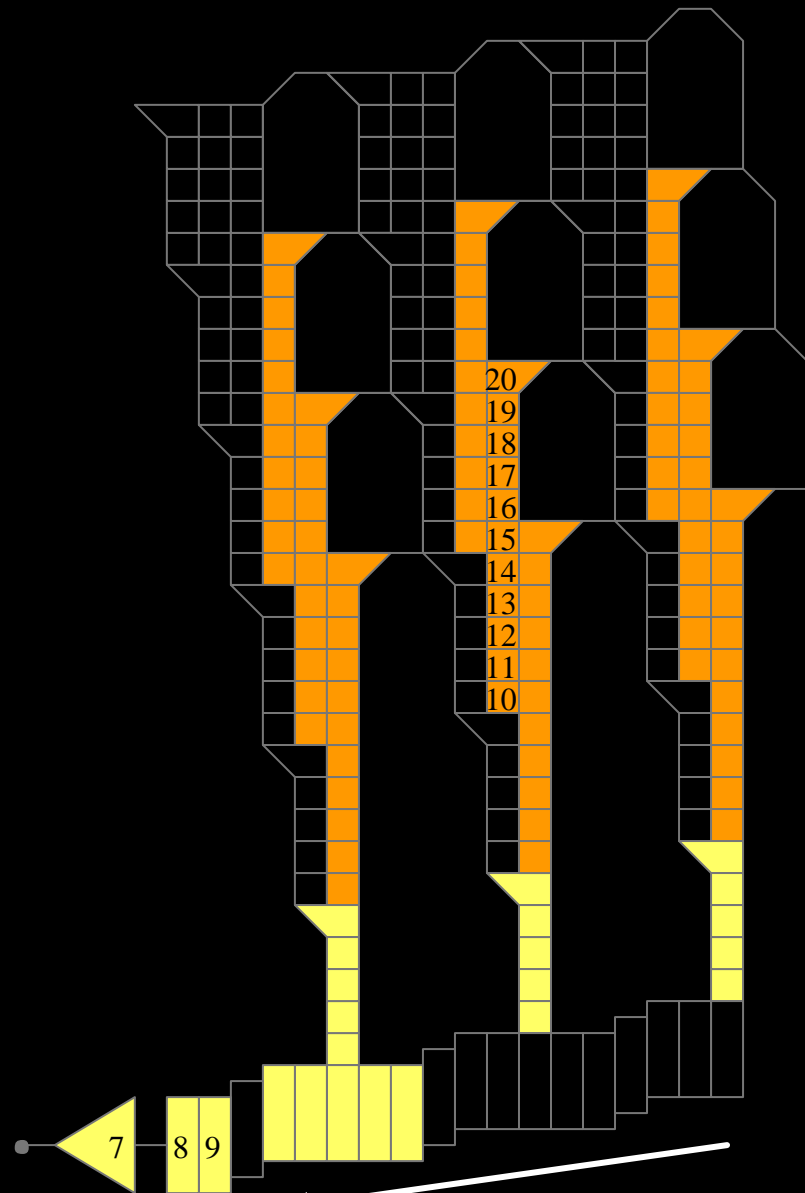
Vertical Output-
register Pixel



Horizontal Output-
register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical and horizontal Outputregister

full empty

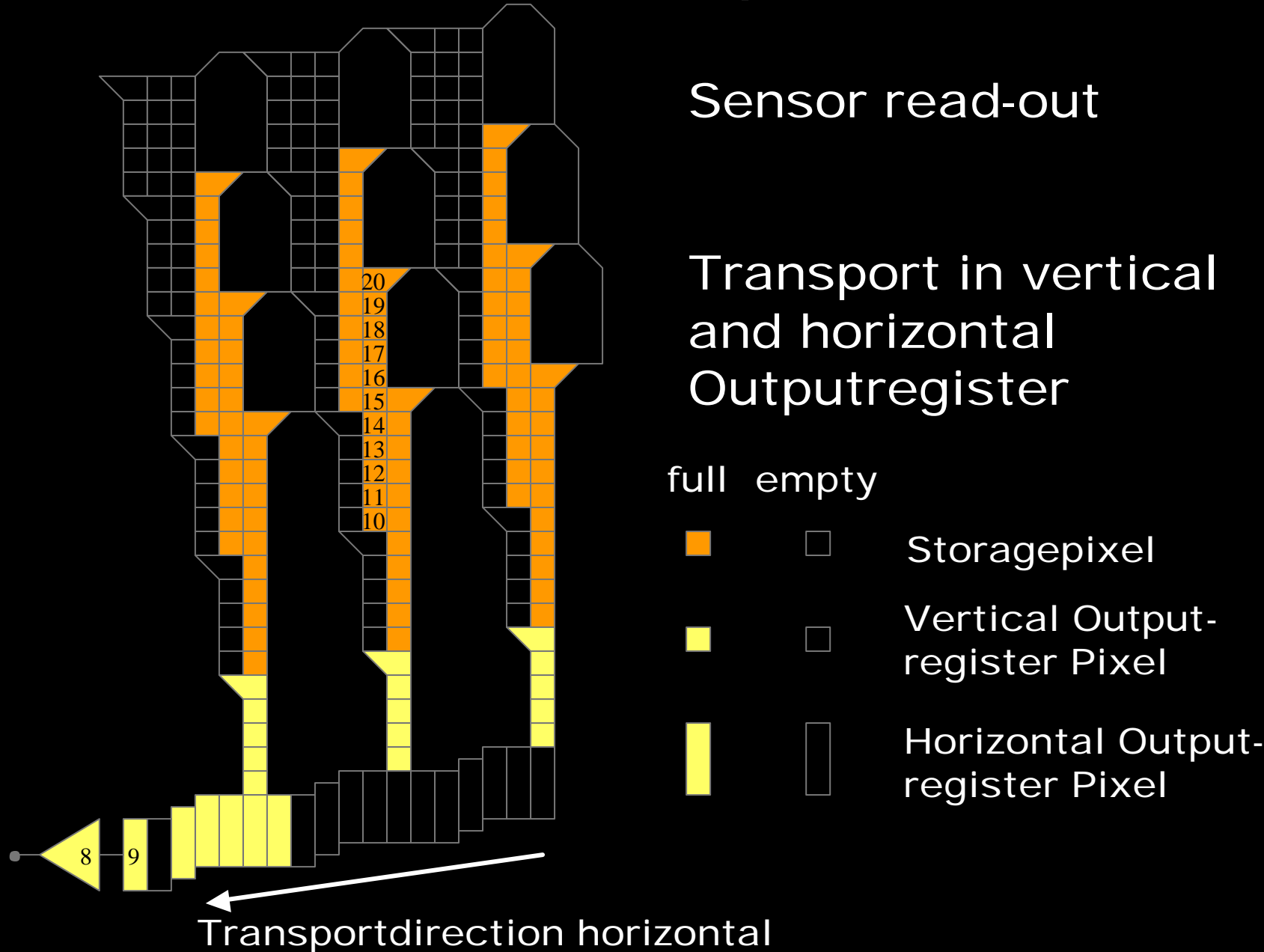
  Storagepixel

  Vertical Output-register Pixel

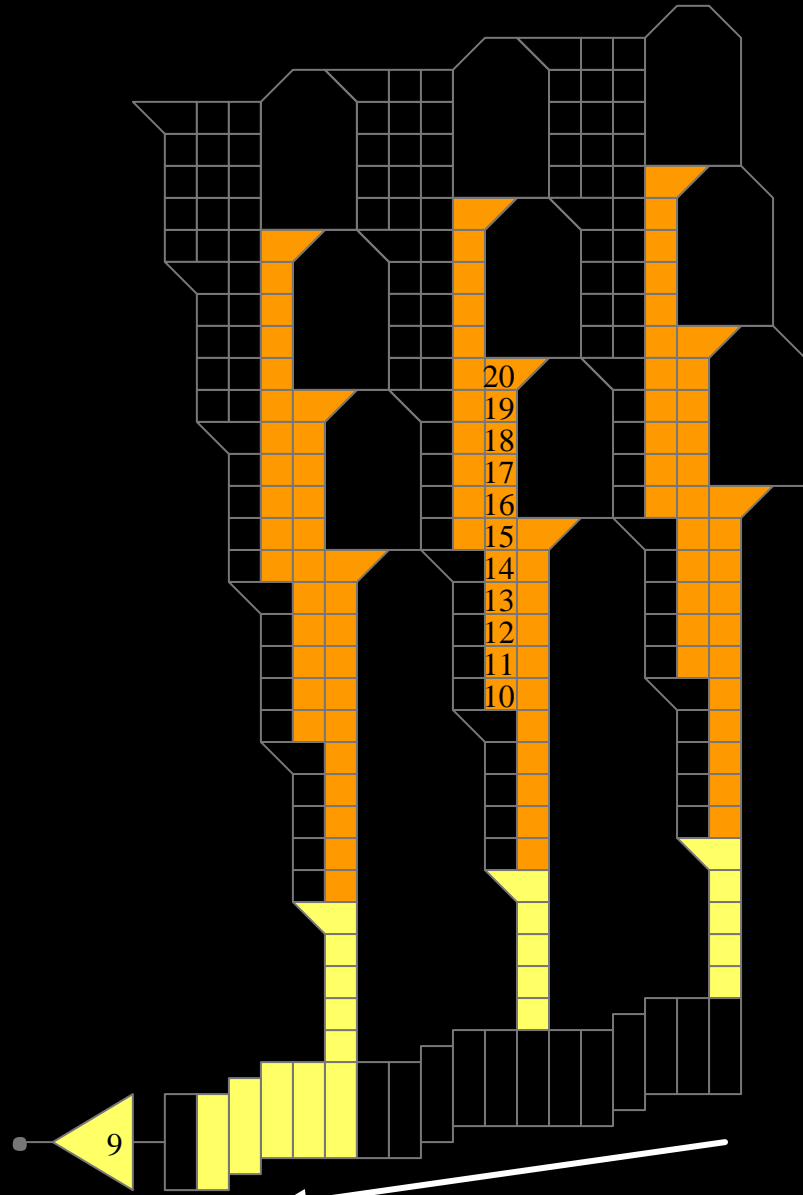
  Horizontal Output-register Pixel

Transportdirection horizontal

ISIS Principle



ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

full empty

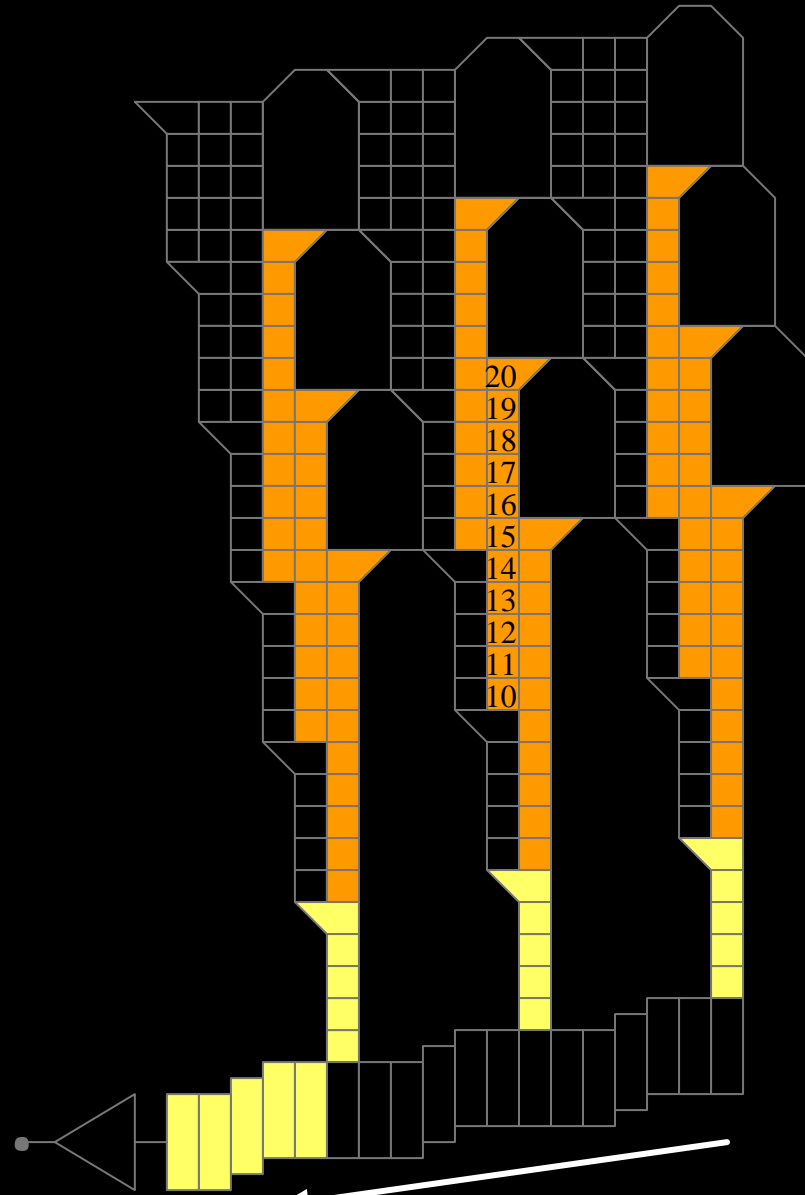
  Storagepixel

  Vertical Output-
register Pixel

  Horizontal Output-
register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

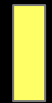
full empty



Storagepixel



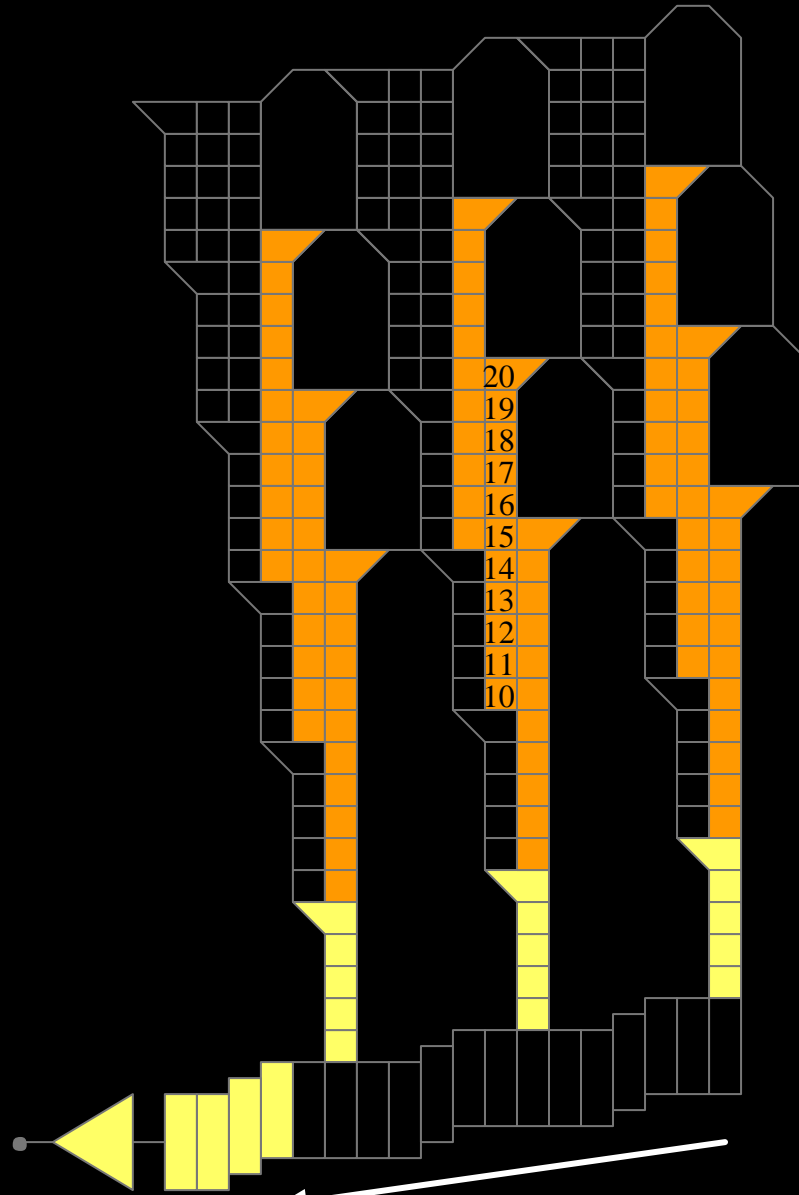
Vertical Output-
register Pixel



Horizontal Output-
register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

full empty



Storagepixel



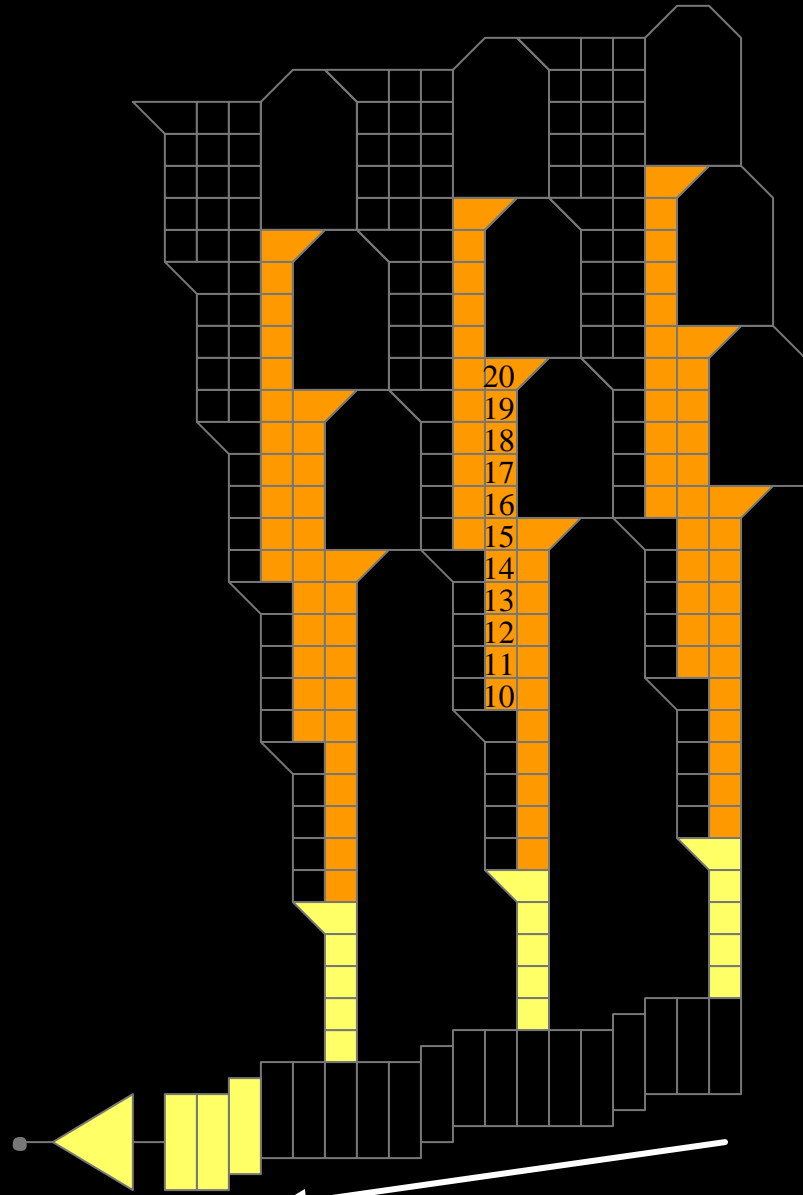
Vertical Output-
register Pixel



Horizontal Output-
register Pixel

Transportdirection horizontal







ISIS Principle



Sensor read-out

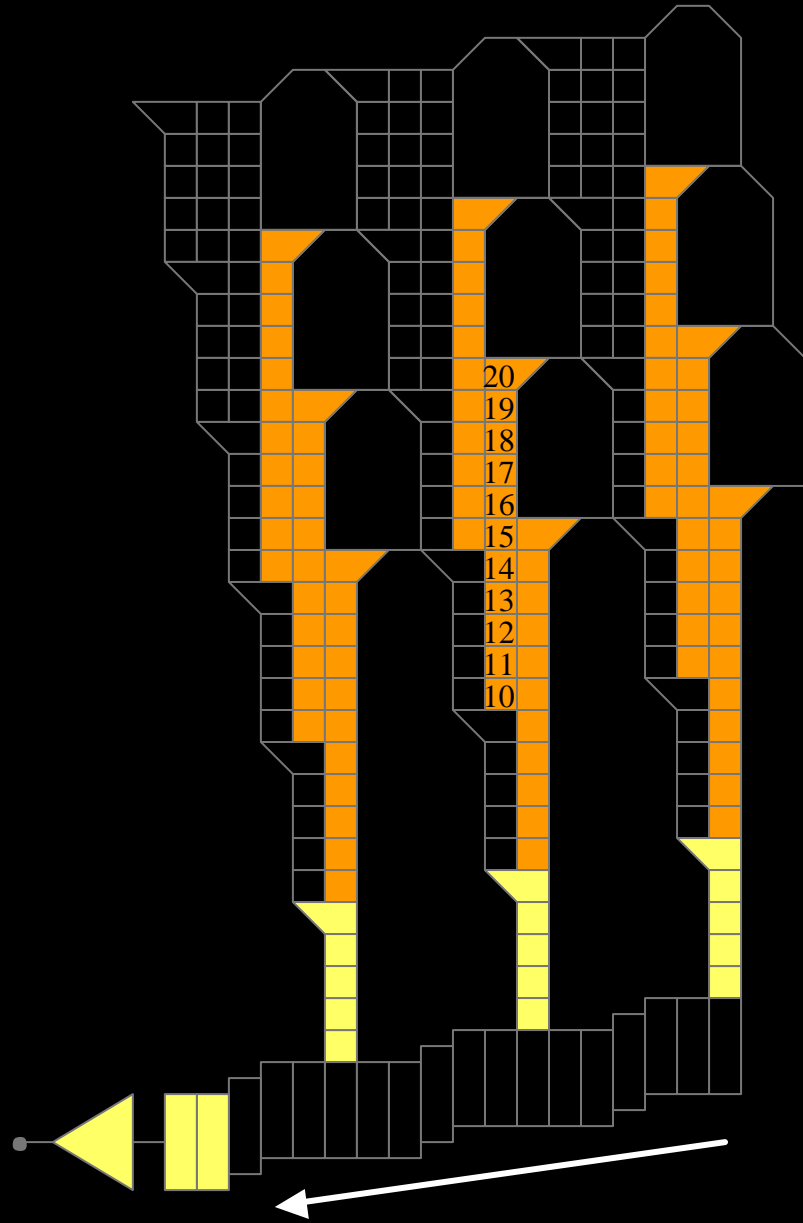
Transport in vertical
and horizontal
Outputregister

full empty

-   Storagepixel
-   Vertical Output-register Pixel
-   Horizontal Output-register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

full empty



Storagepixel



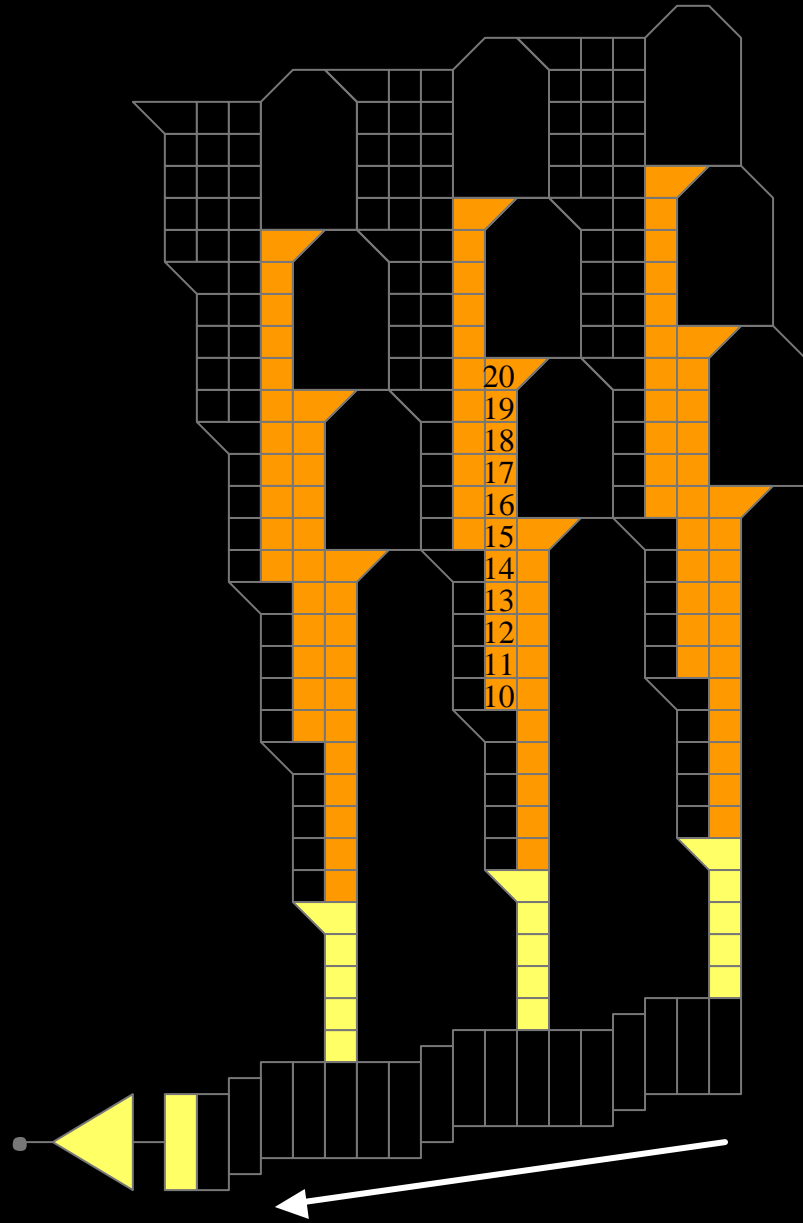
Vertical Output-
register Pixel



Horizontal Output-
register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

full empty



Storagepixel



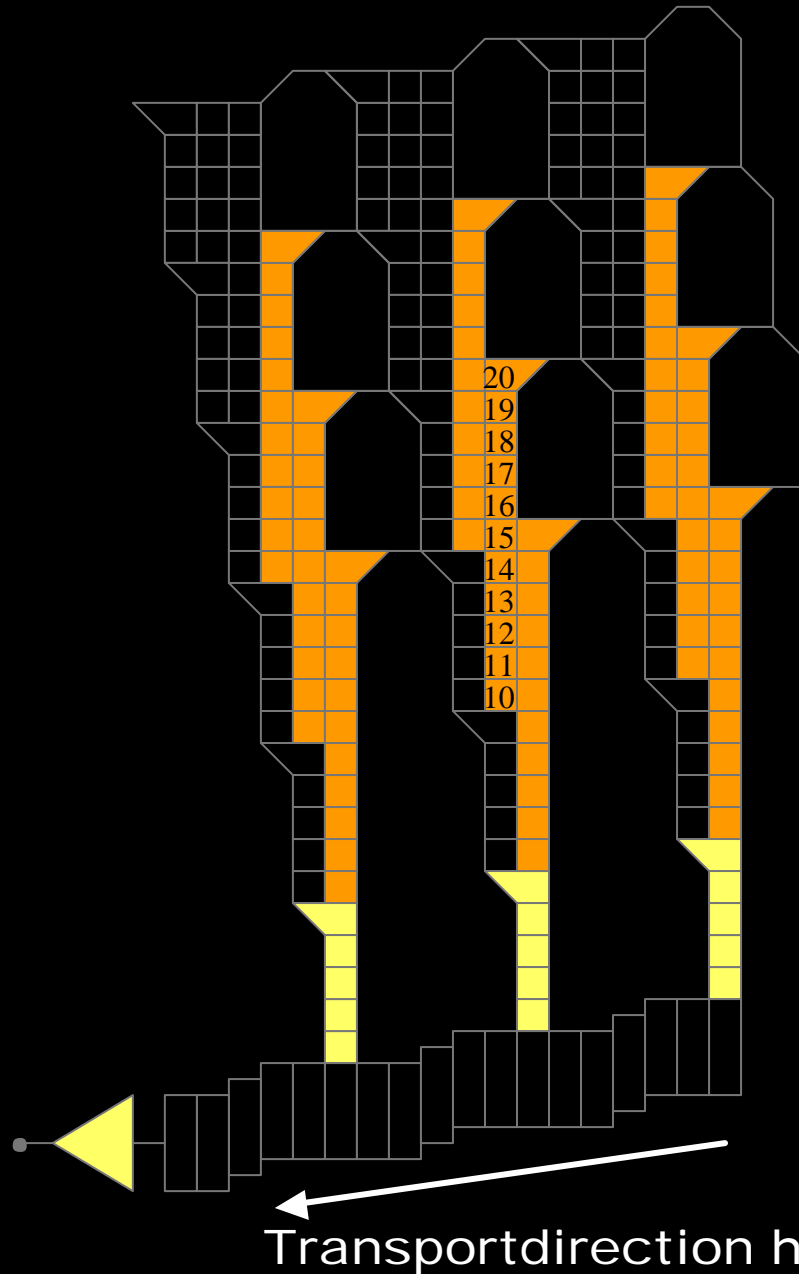
Vertical Output-
register Pixel



Horizontal Output-
register Pixel

Transportdirection horizontal







ISIS Principle



Sensor read-out

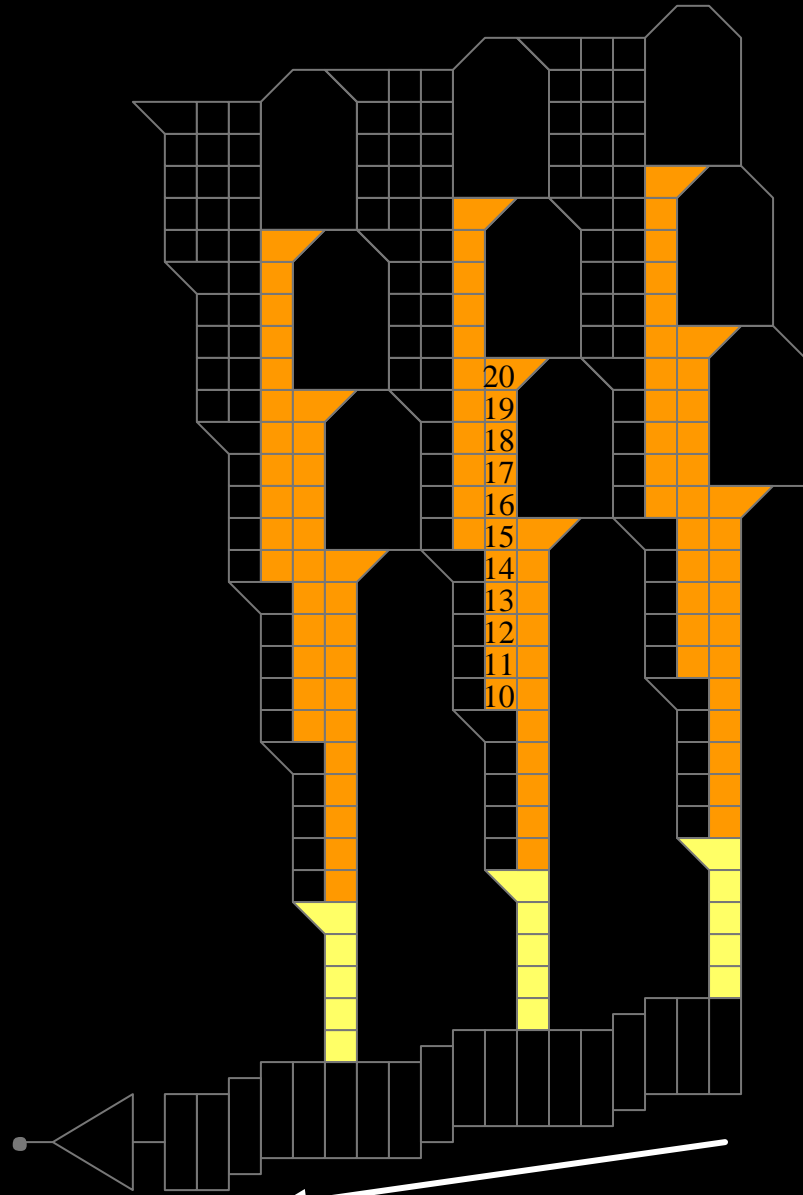
Transport in vertical
and horizontal
Outputregister

full empty

-   Storagepixel
-   Vertical Output-register Pixel
-   Horizontal Output-register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical and horizontal
Outputregister

full empty



Storagepixel



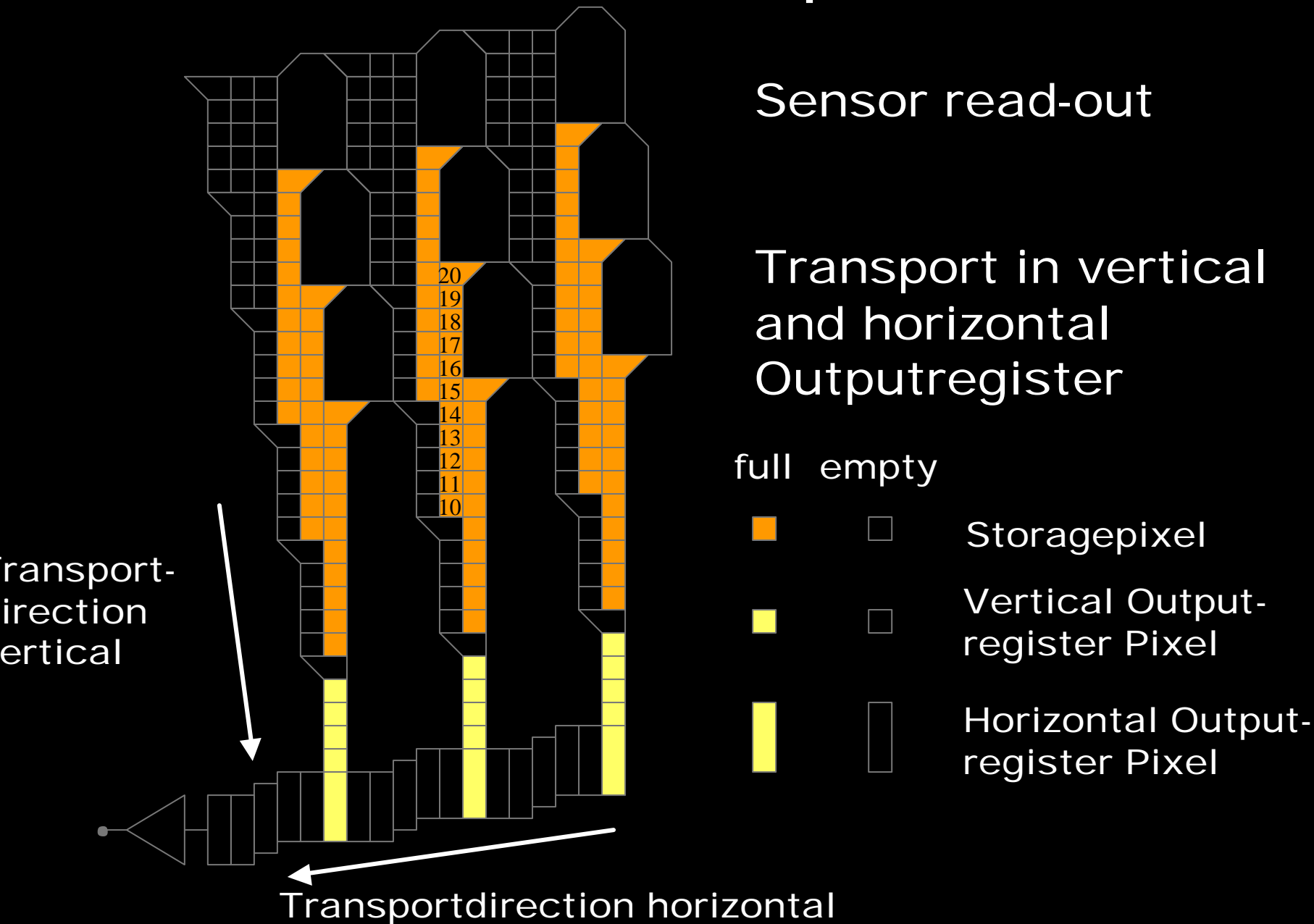
Vertical Output-
register Pixel



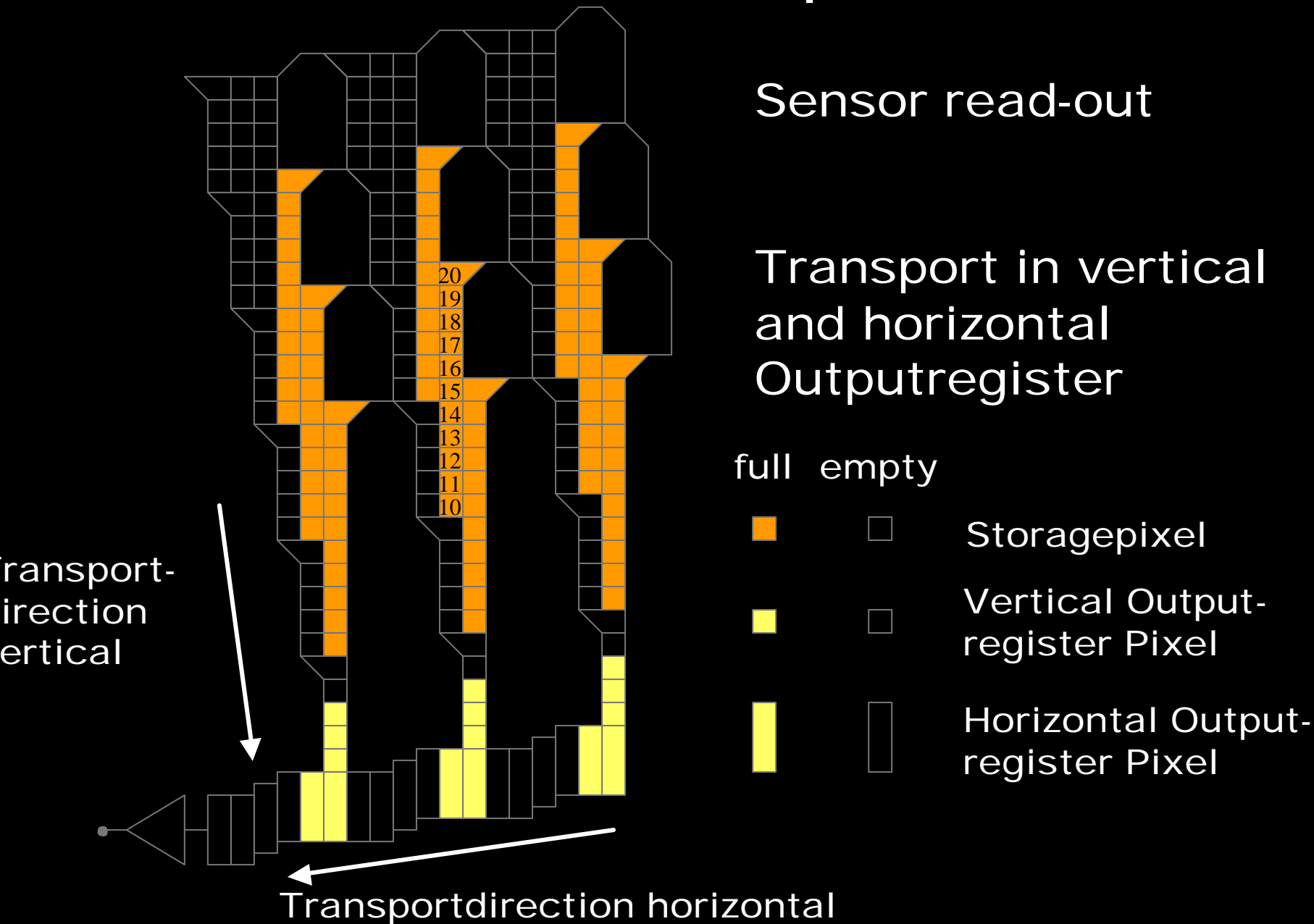
Horizontal Output-
register Pixel

Transportdirection horizontal

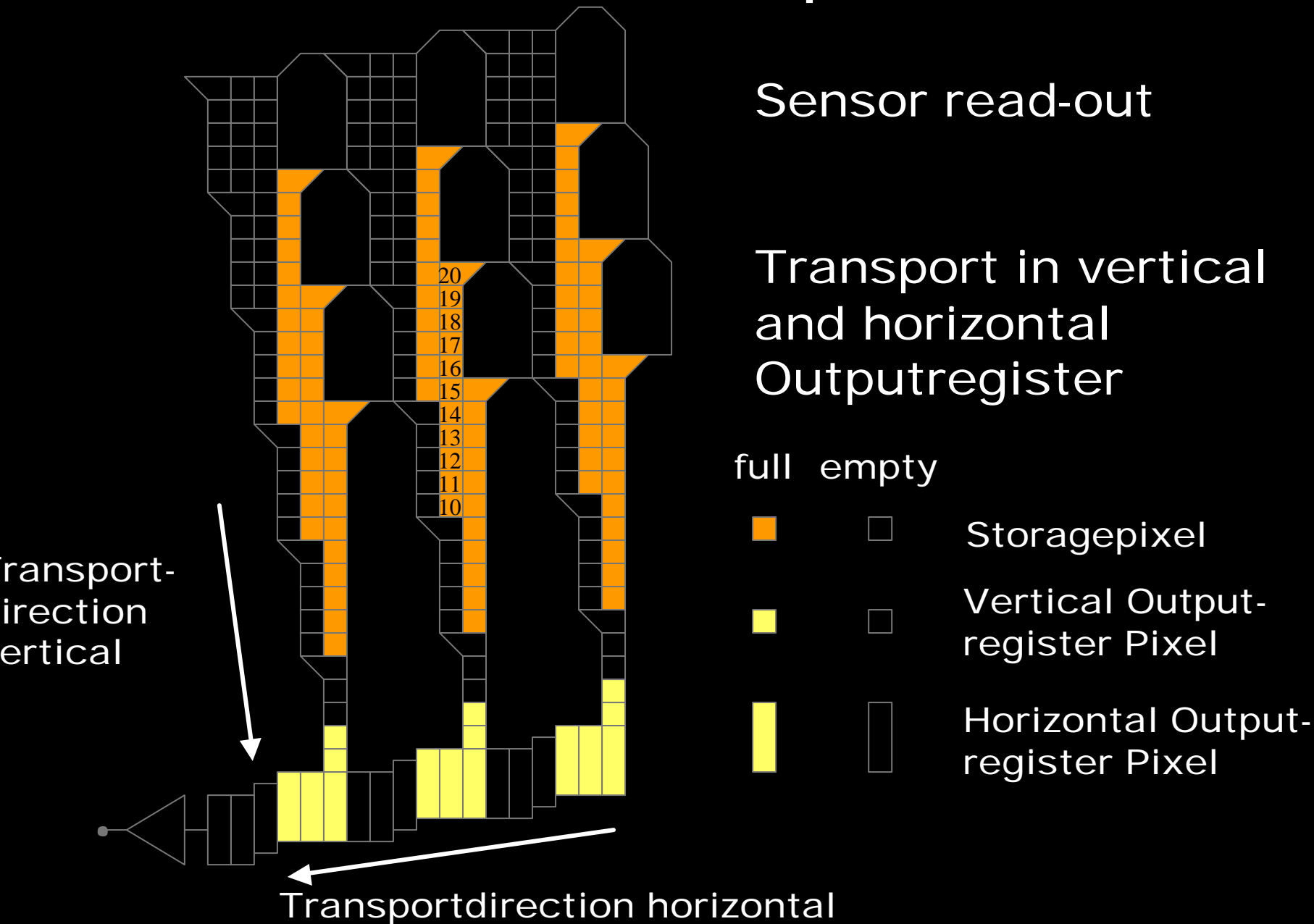
ISIS Principle



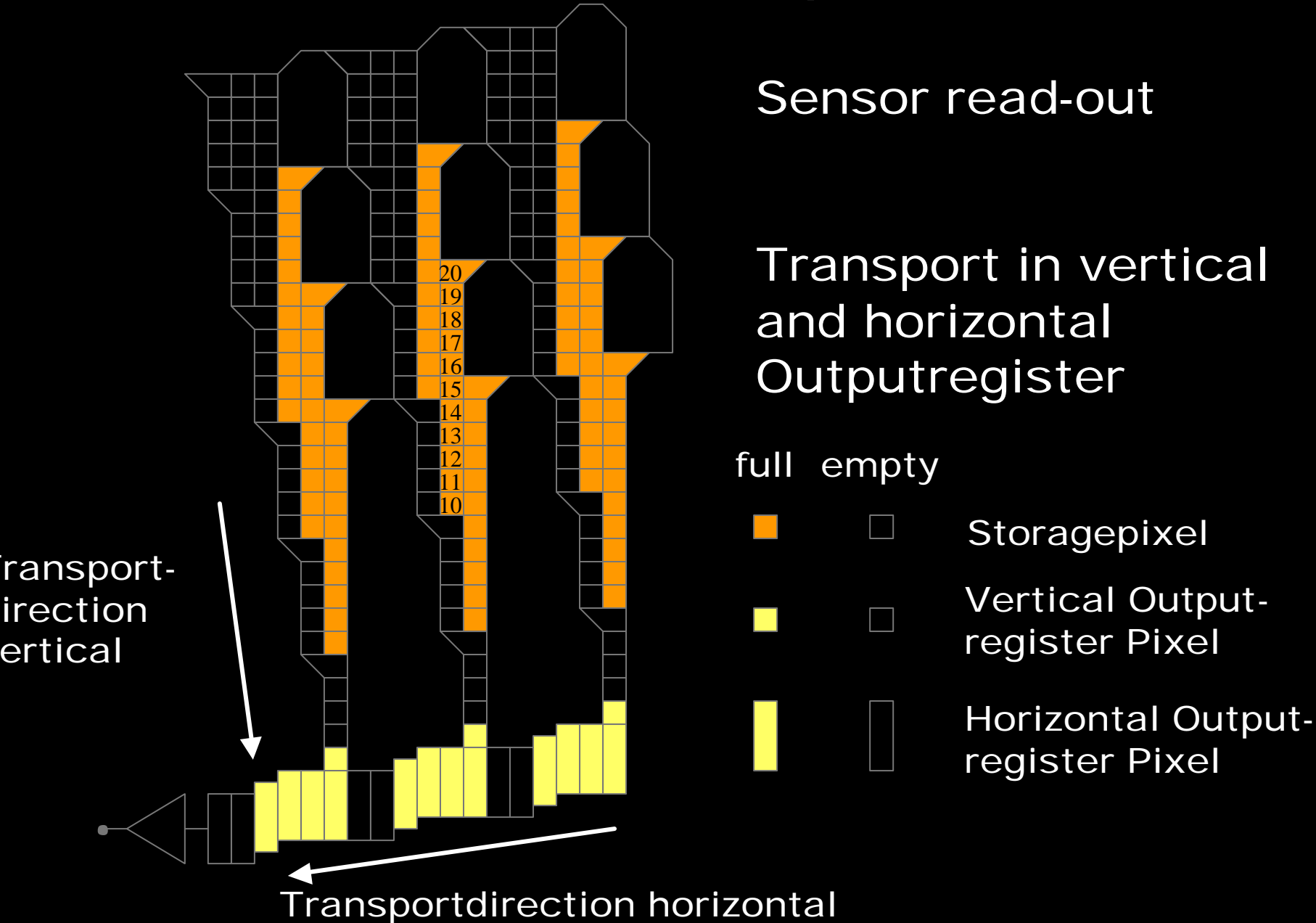
ISIS Principle



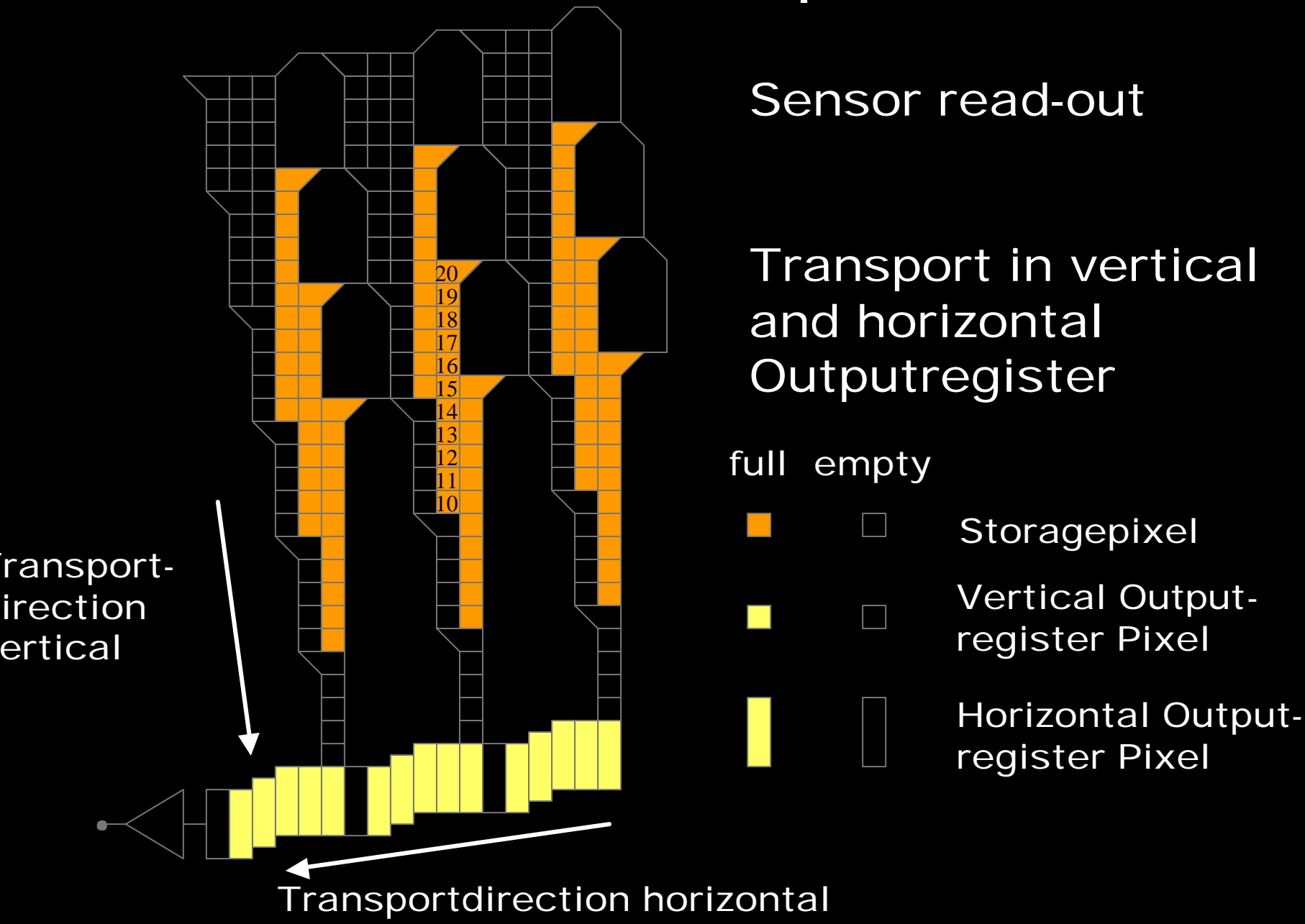
ISIS Principle



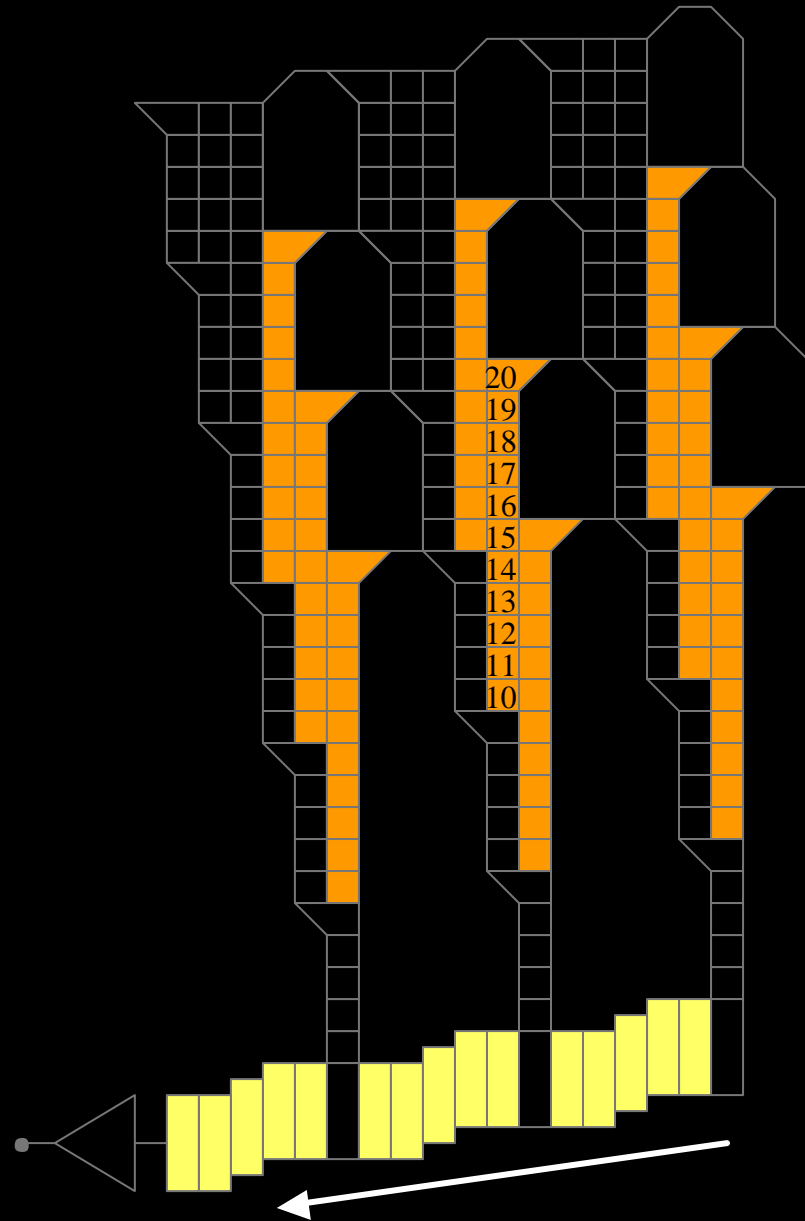
ISIS Principle



ISIS Principle



ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

full empty

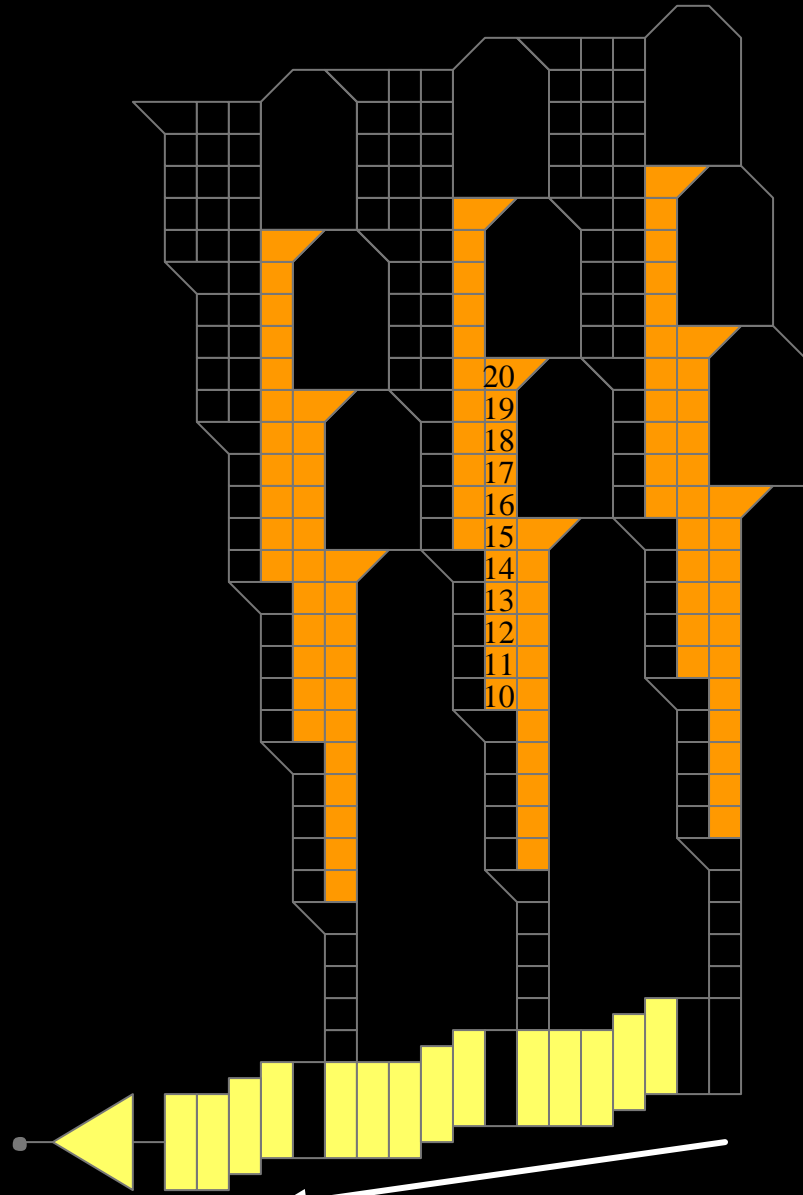
  Storagepixel

  Vertical Output-
register Pixel

  Horizontal Output-
register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

full empty



Storagepixel



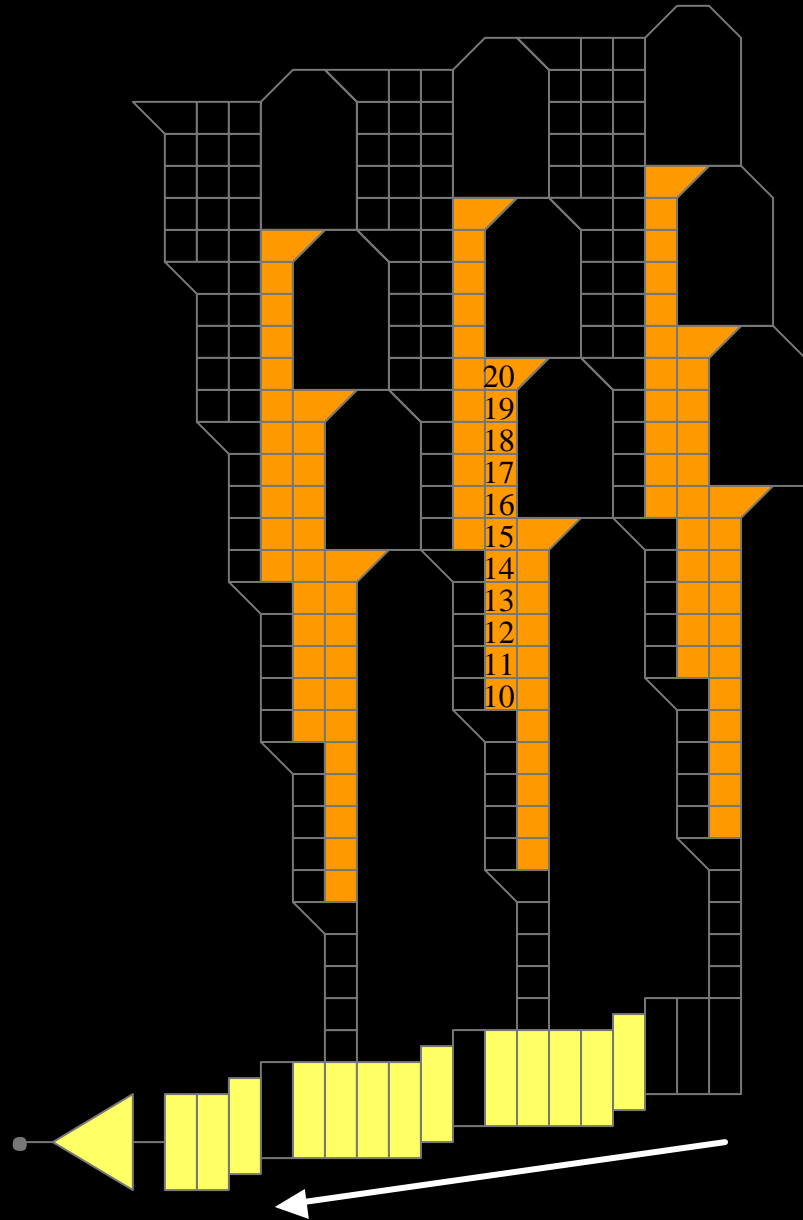
Vertical Output-
register Pixel



Horizontal Output-
register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

full empty



Storagepixel



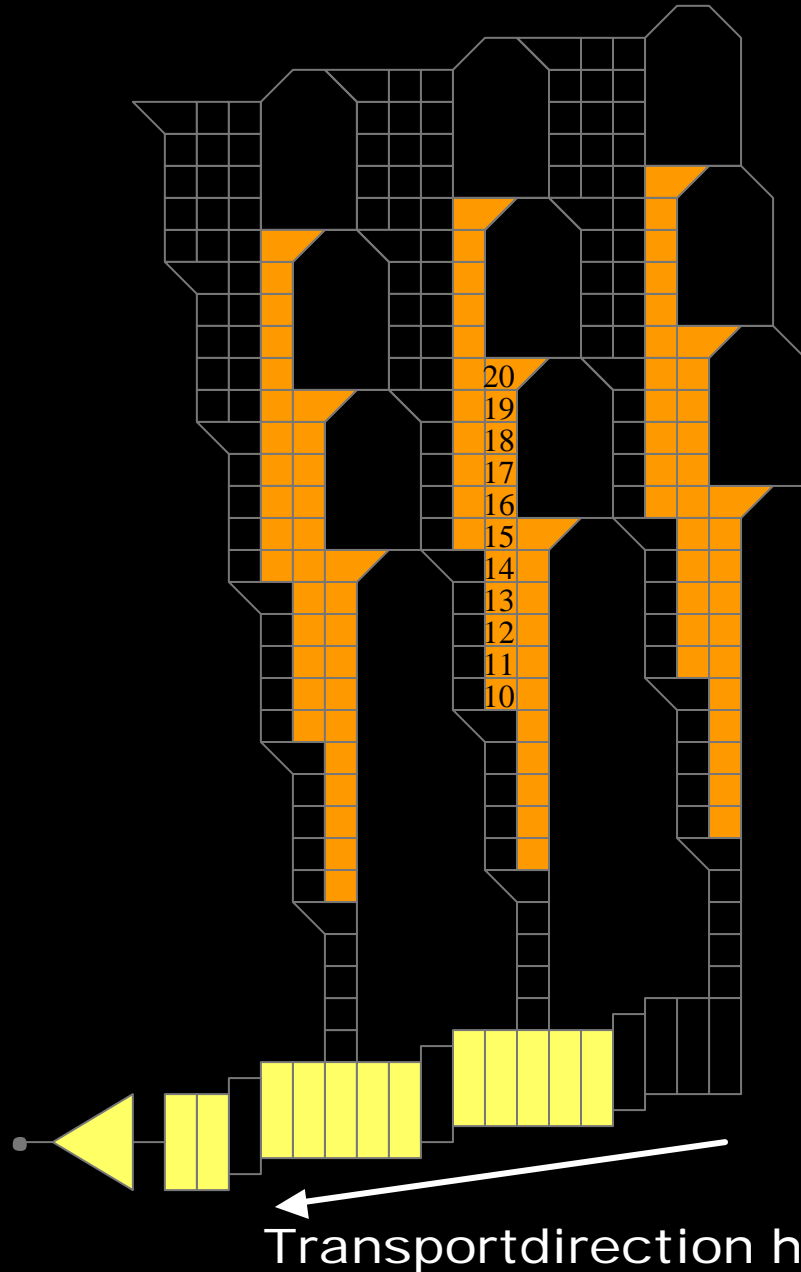
Vertical Output-
register Pixel



Horizontal Output-
register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

full empty

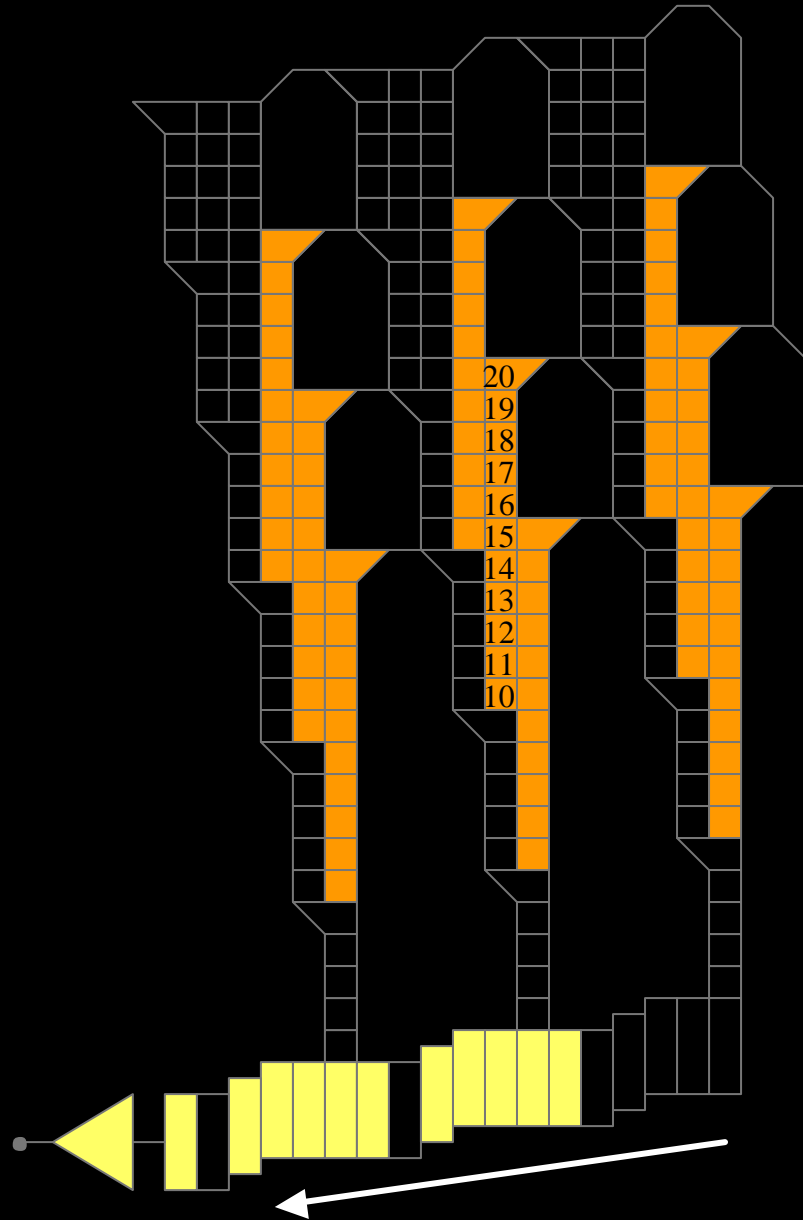
  Storagepixel

  Vertical Output-
register Pixel

  Horizontal Output-
register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

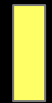
full empty



Storagepixel



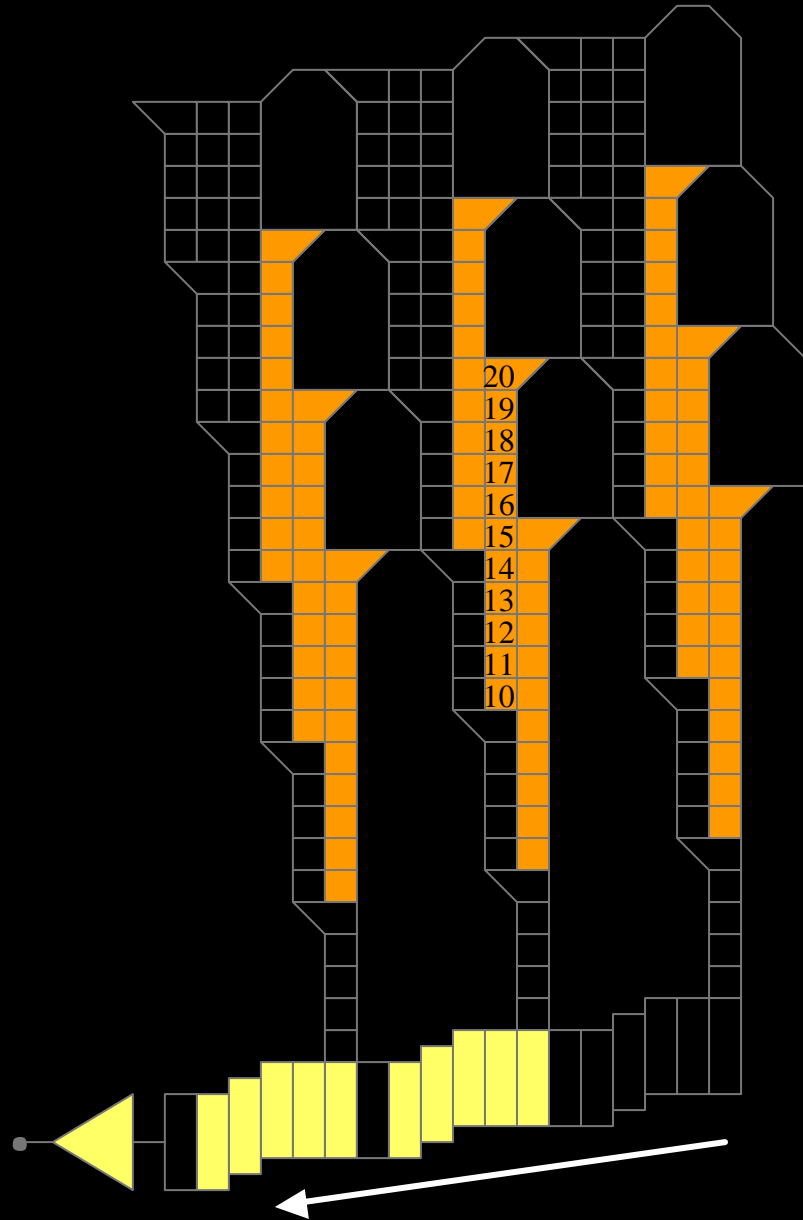
Vertical Output-
register Pixel



Horizontal Output-
register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

full empty



Storagepixel



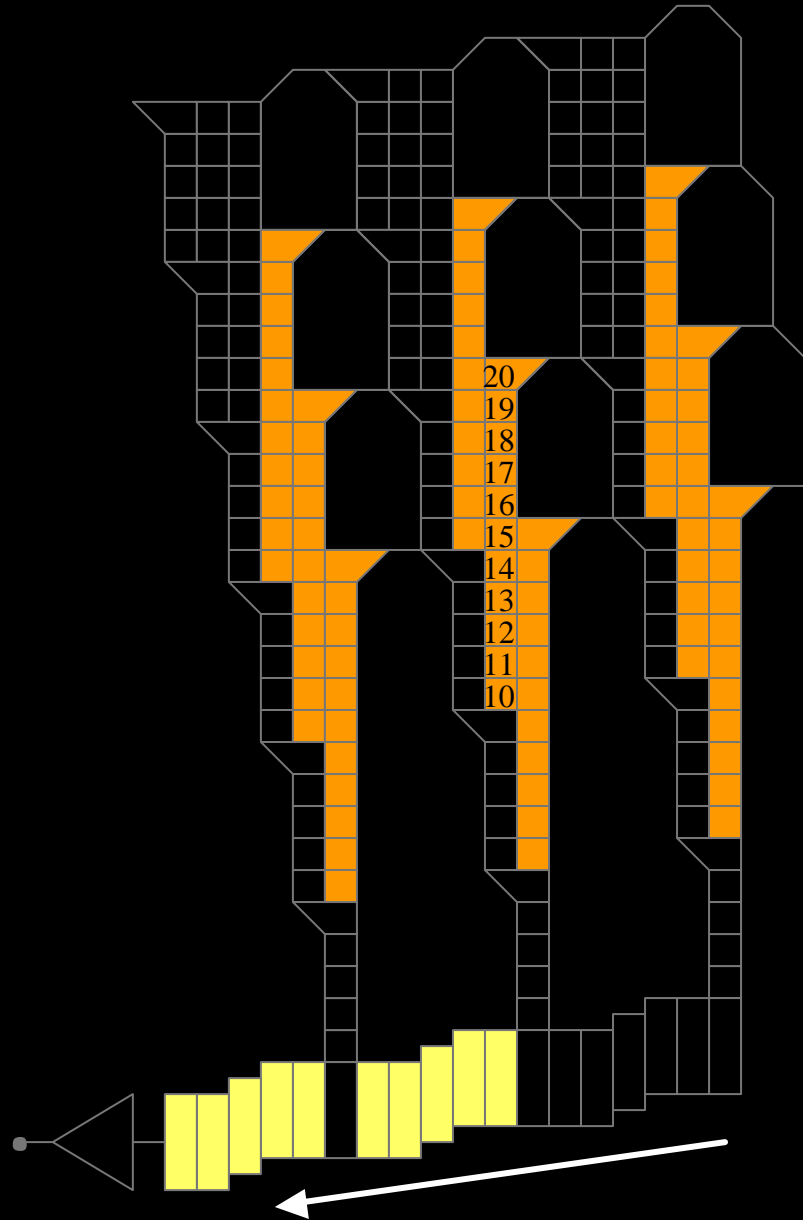
Vertical Output-
register Pixel



Horizontal Output-
register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

full empty



Storagepixel



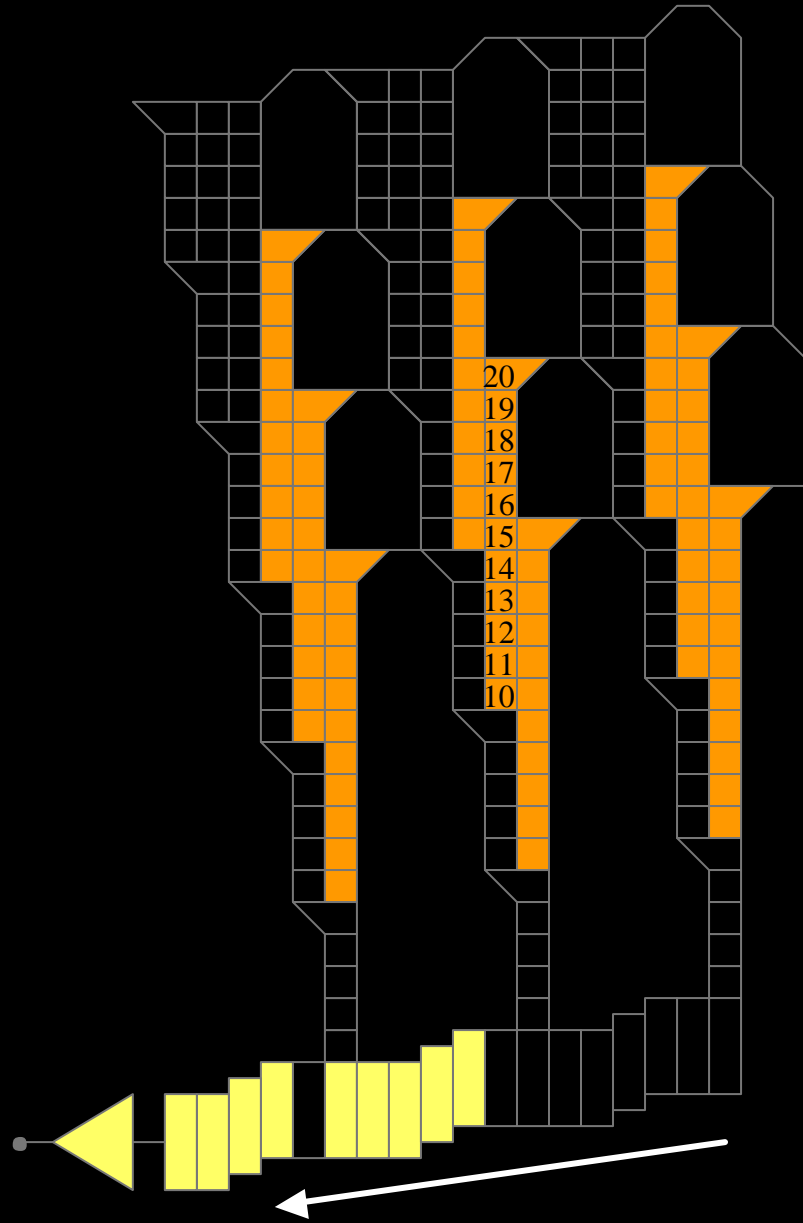
Vertical Output-
register Pixel



Horizontal Output-
register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

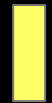
full empty



Storagepixel



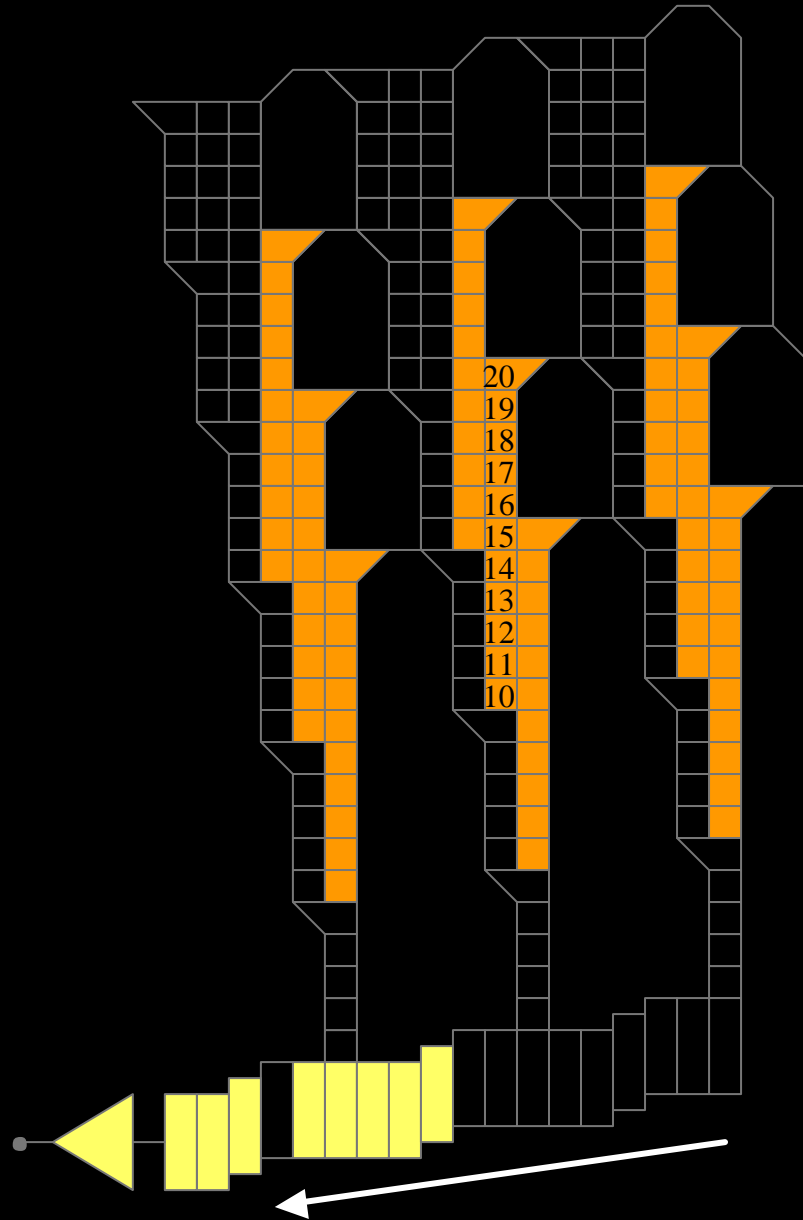
Vertical Output-
register Pixel



Horizontal Output-
register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

full empty



Storagepixel



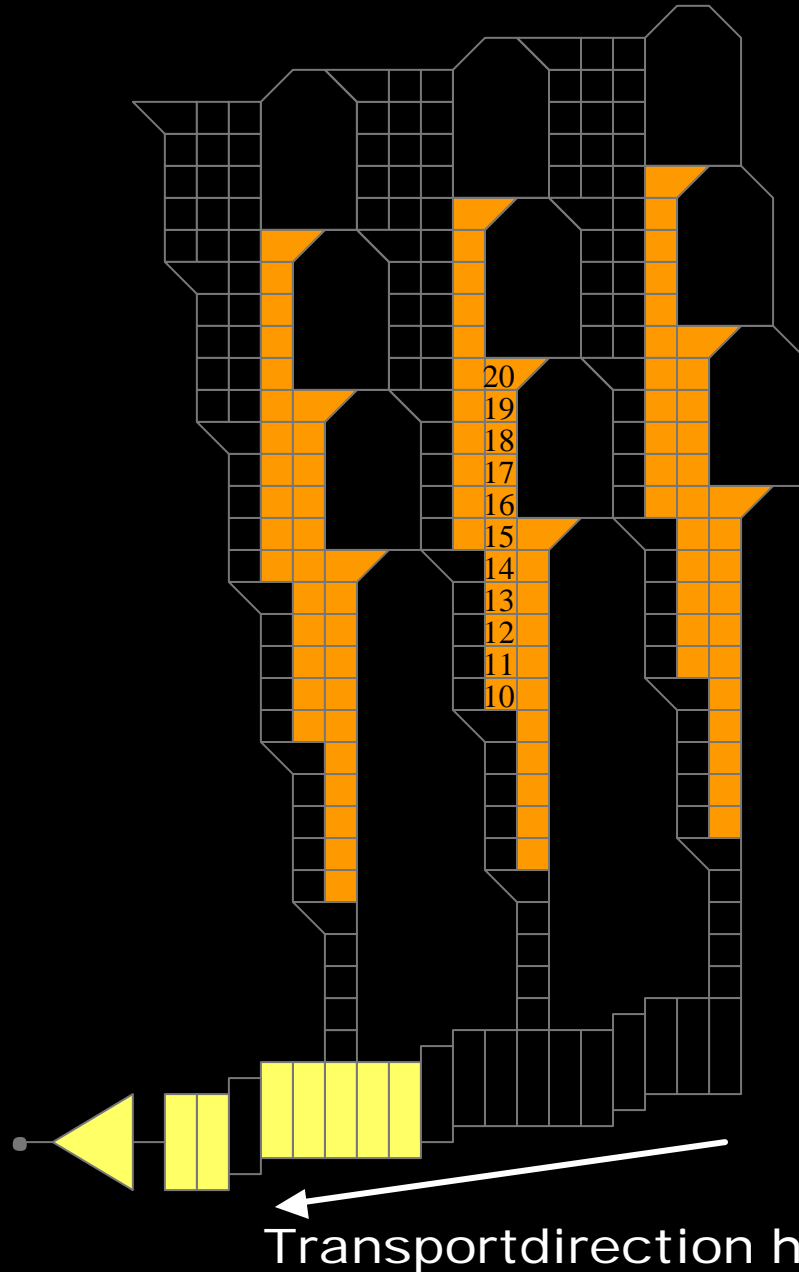
Vertical Output-
register Pixel



Horizontal Output-
register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

full empty

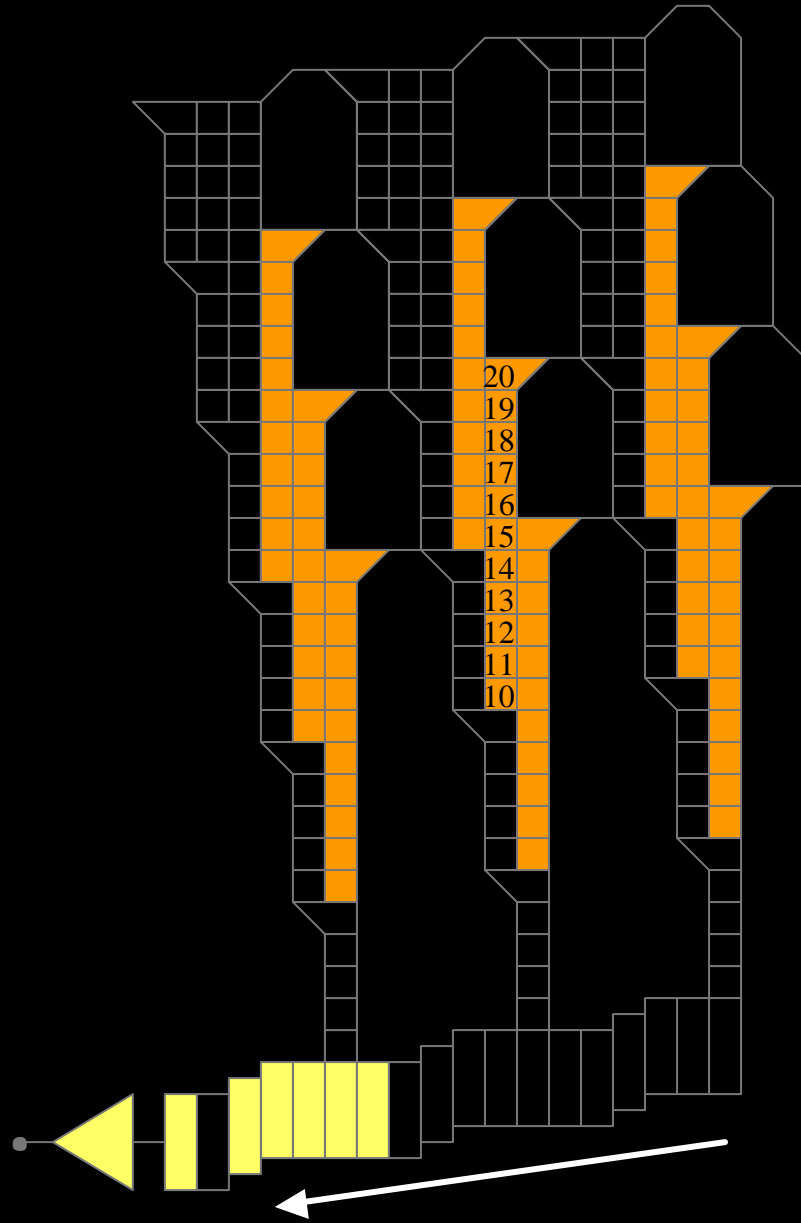
  Storagepixel

  Vertical Output-
register Pixel

  Horizontal Output-
register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

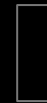
full empty



Storagepixel



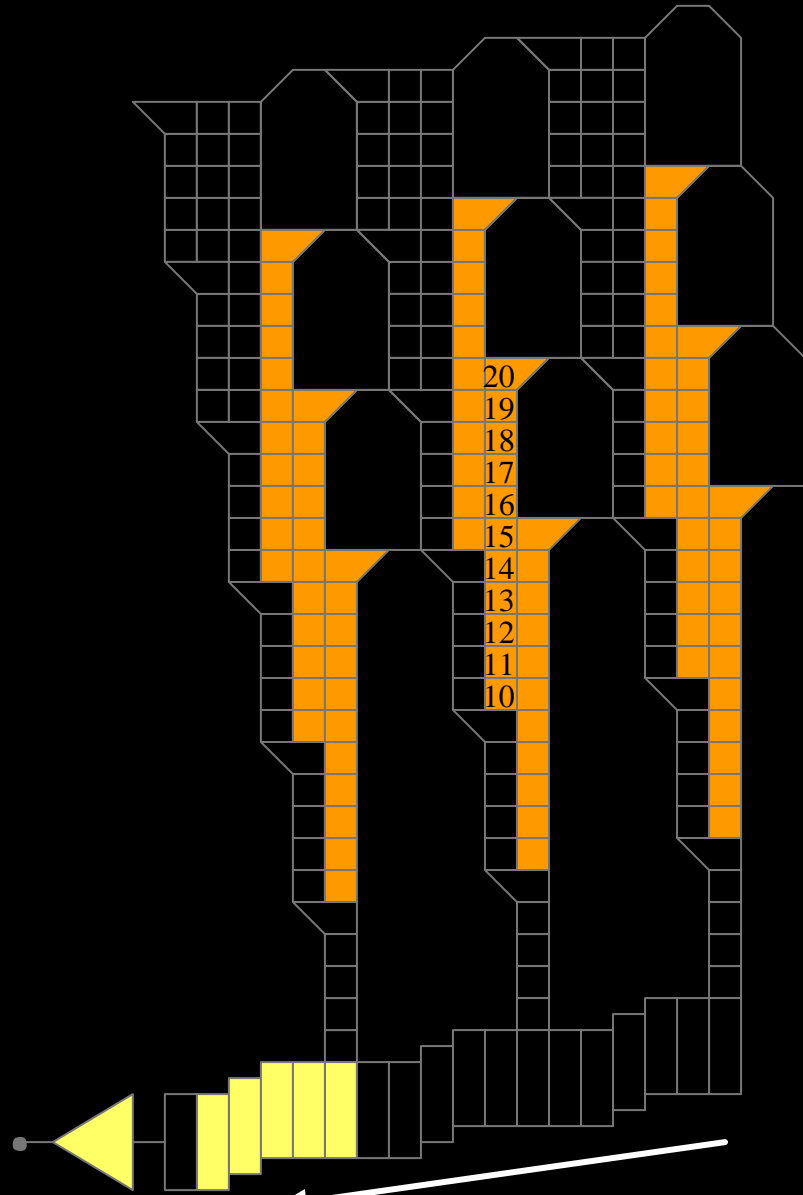
Vertical Output-
register Pixel



Horizontal Output-
register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

full empty



Storagepixel



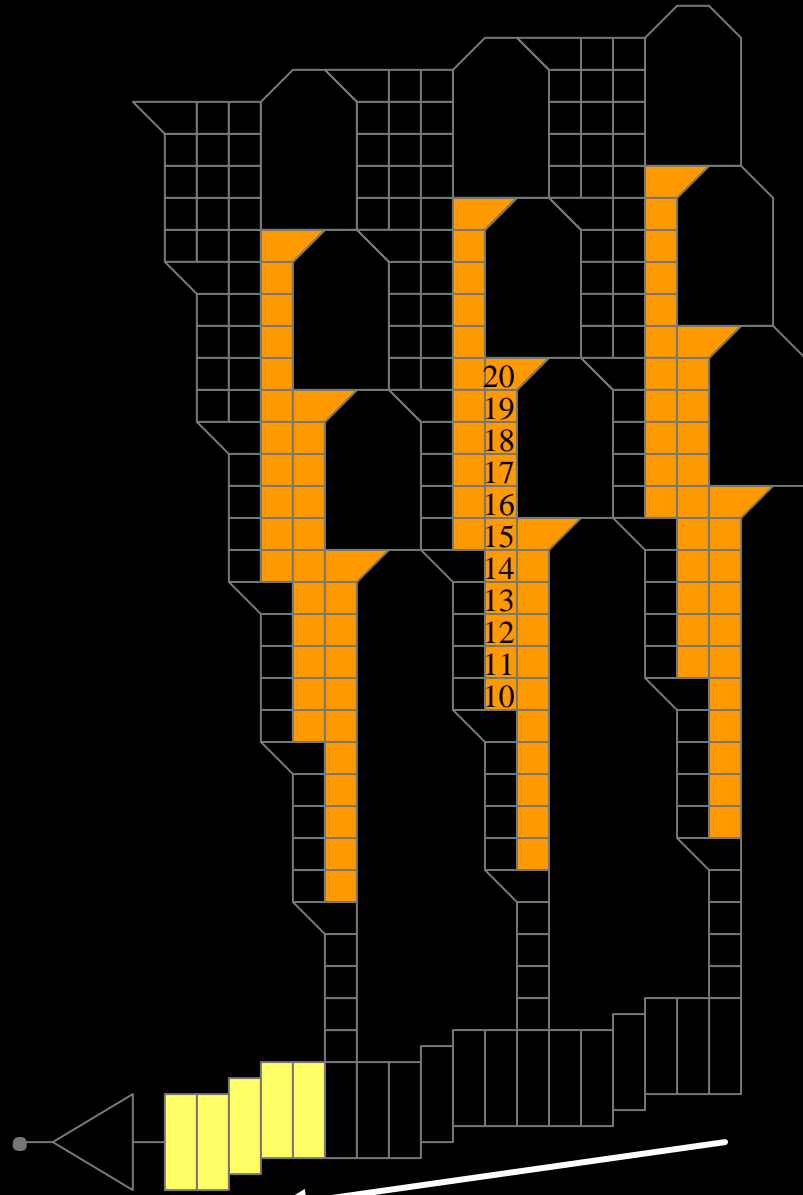
Vertical Output-
register Pixel



Horizontal Output-
register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

full empty



Storagepixel



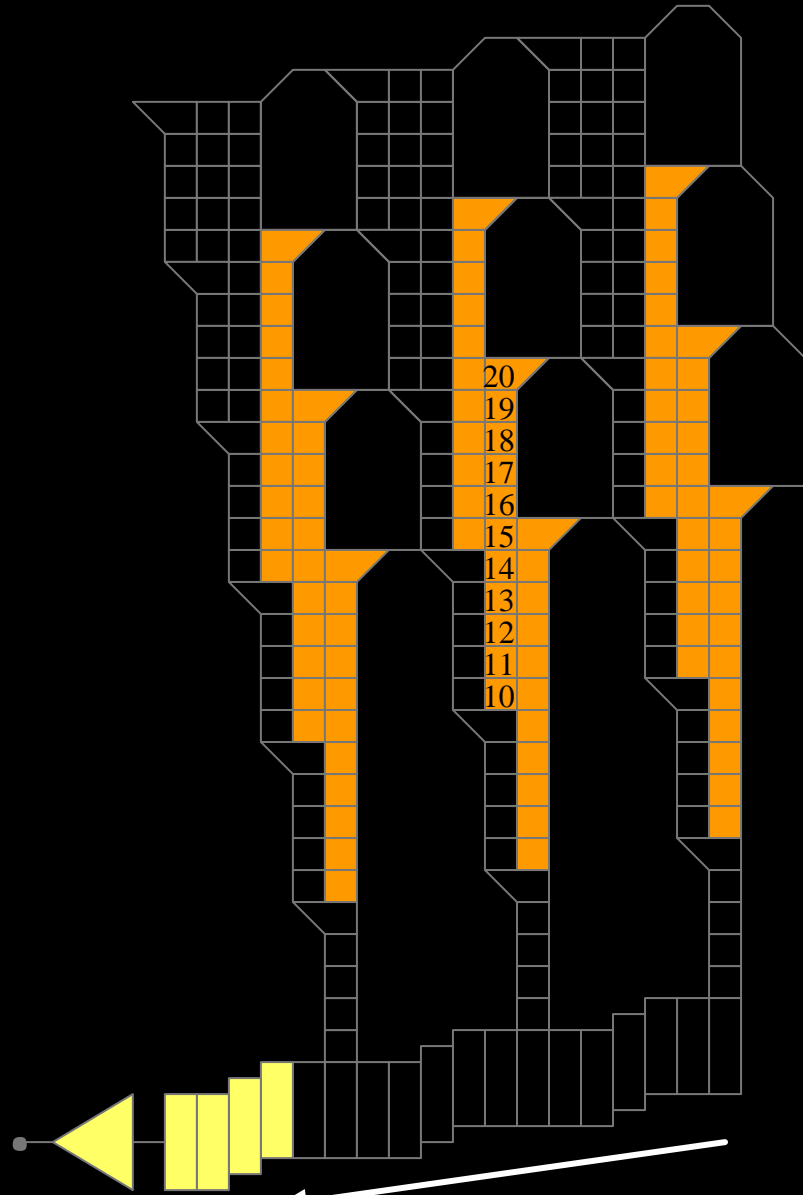
Vertical Output-
register Pixel



Horizontal Output-
register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

full empty



Storagepixel



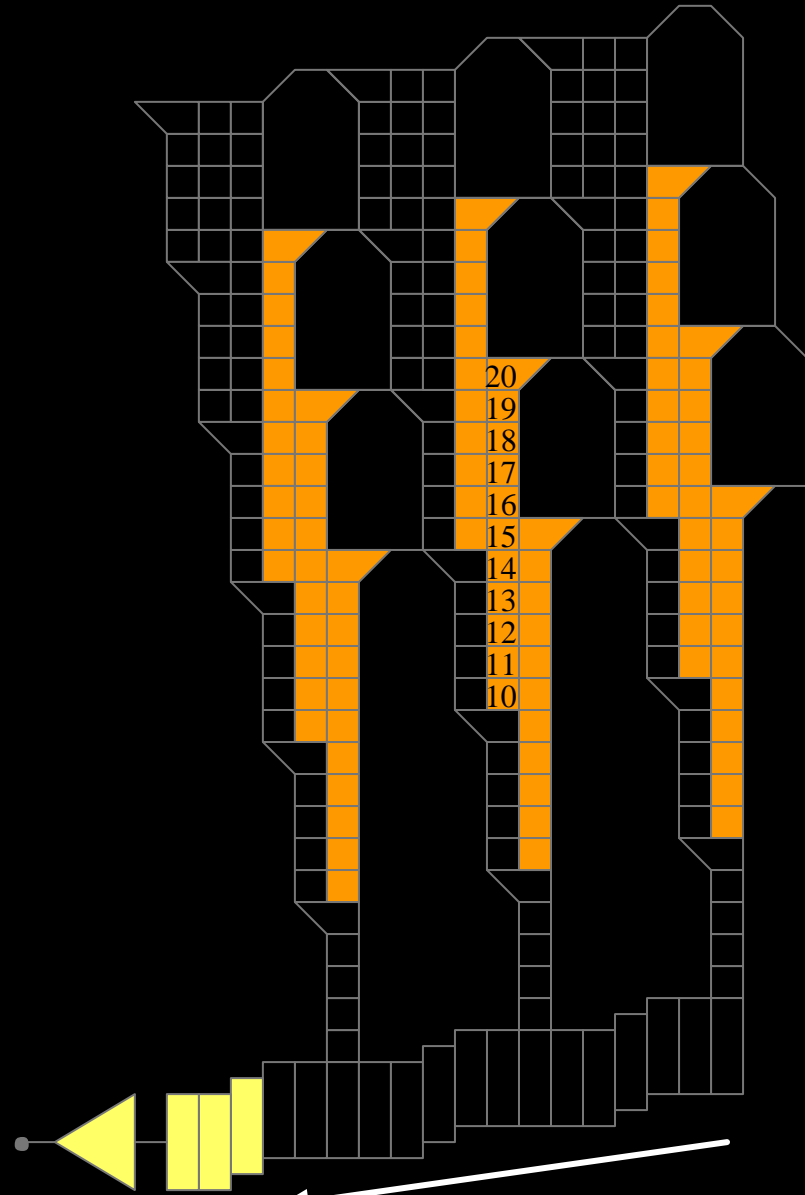
Vertical Output-
register Pixel



Horizontal Output-
register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

full empty



Storagepixel



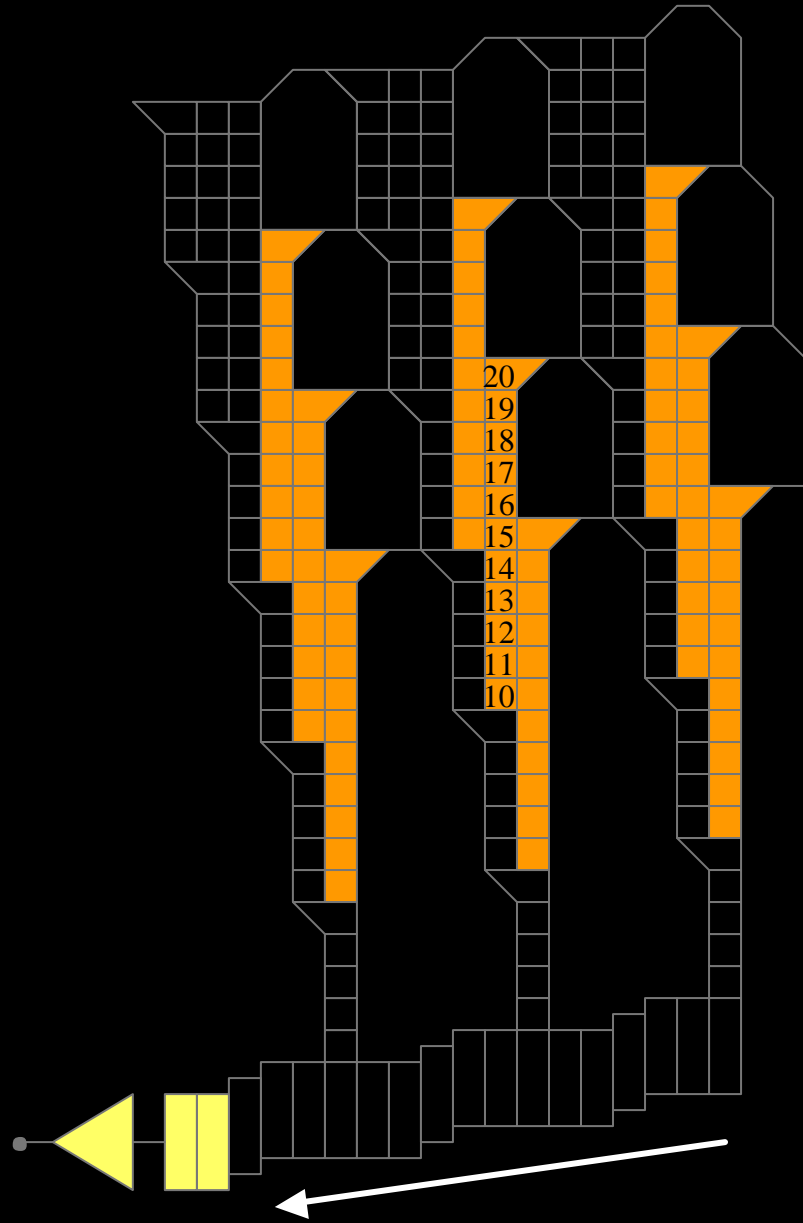
Vertical Output-
register Pixel



Horizontal Output-
register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

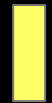
full empty



Storagepixel



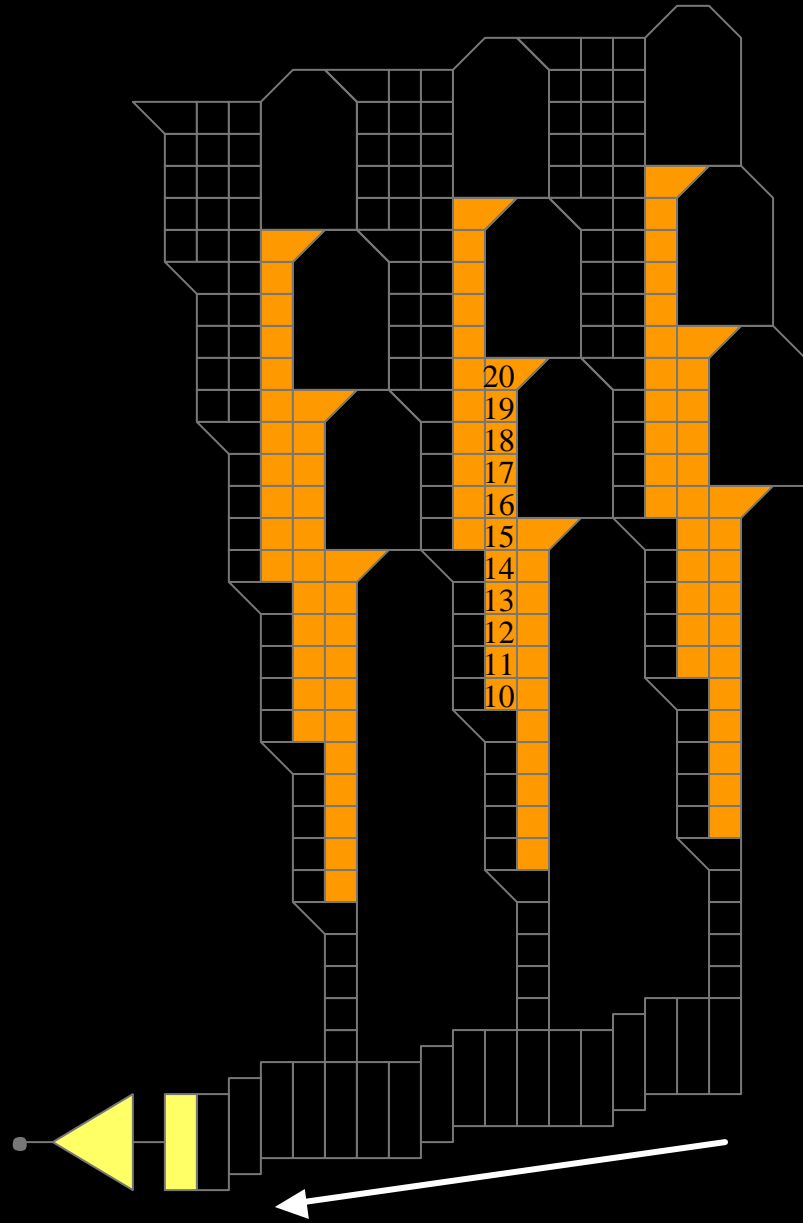
Vertical Output-
register Pixel



Horizontal Output-
register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

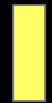
full empty



Storagepixel



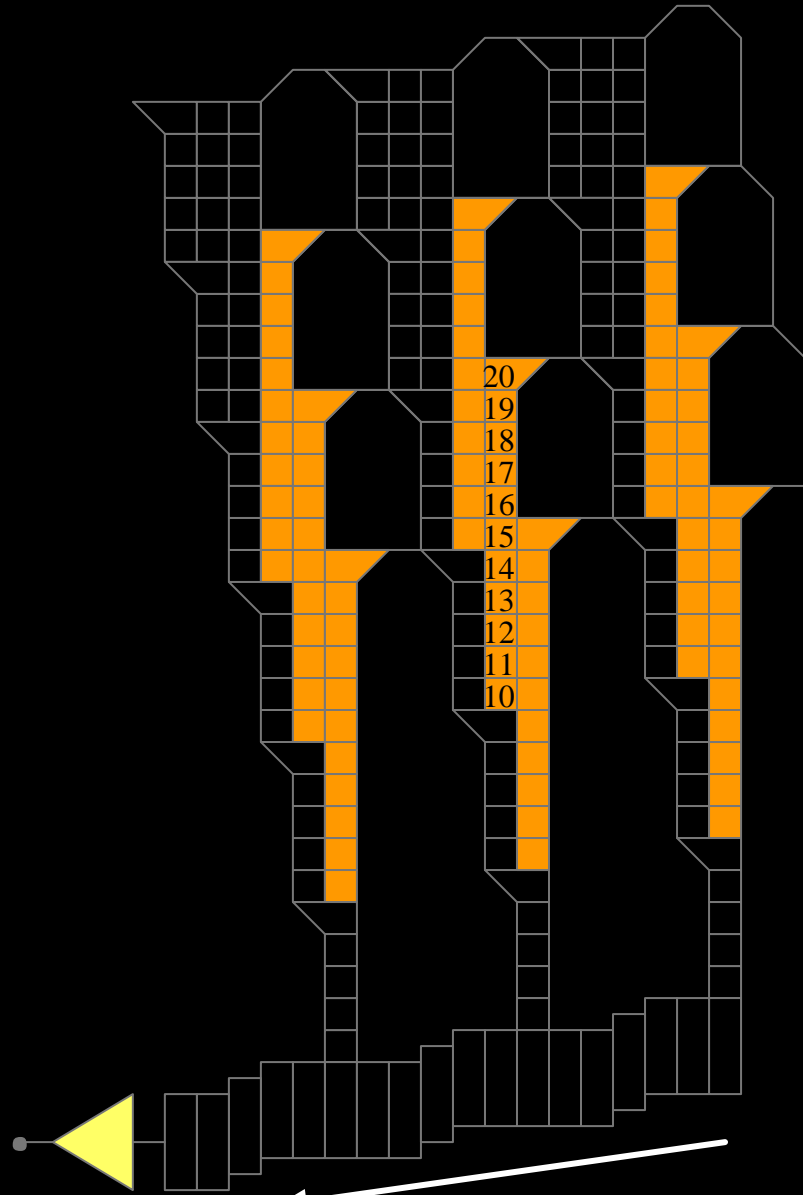
Vertical Output-
register Pixel



Horizontal Output-
register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

full empty



Storagepixel



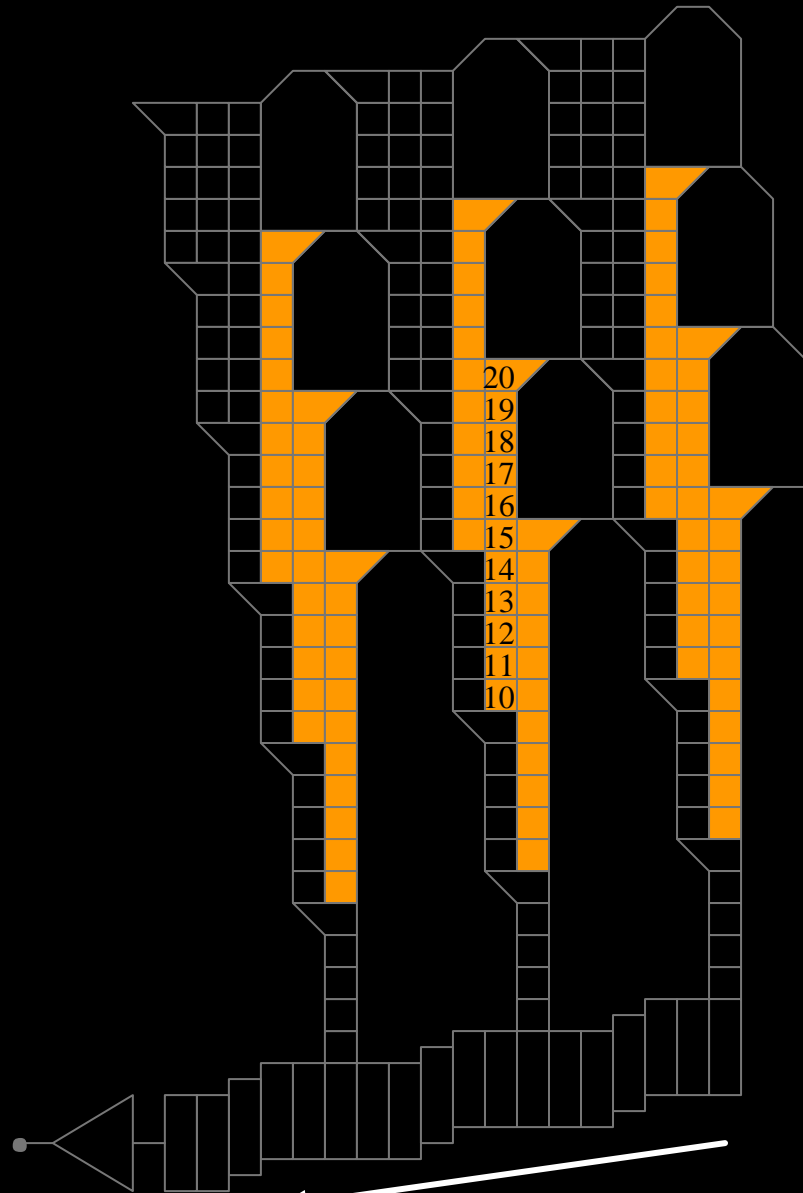
Vertical Output-
register Pixel



Horizontal Output-
register Pixel

Transportdirection horizontal

ISIS Principle



Sensor read-out

Transport in vertical
and horizontal
Outputregister

full empty



Storagepixel



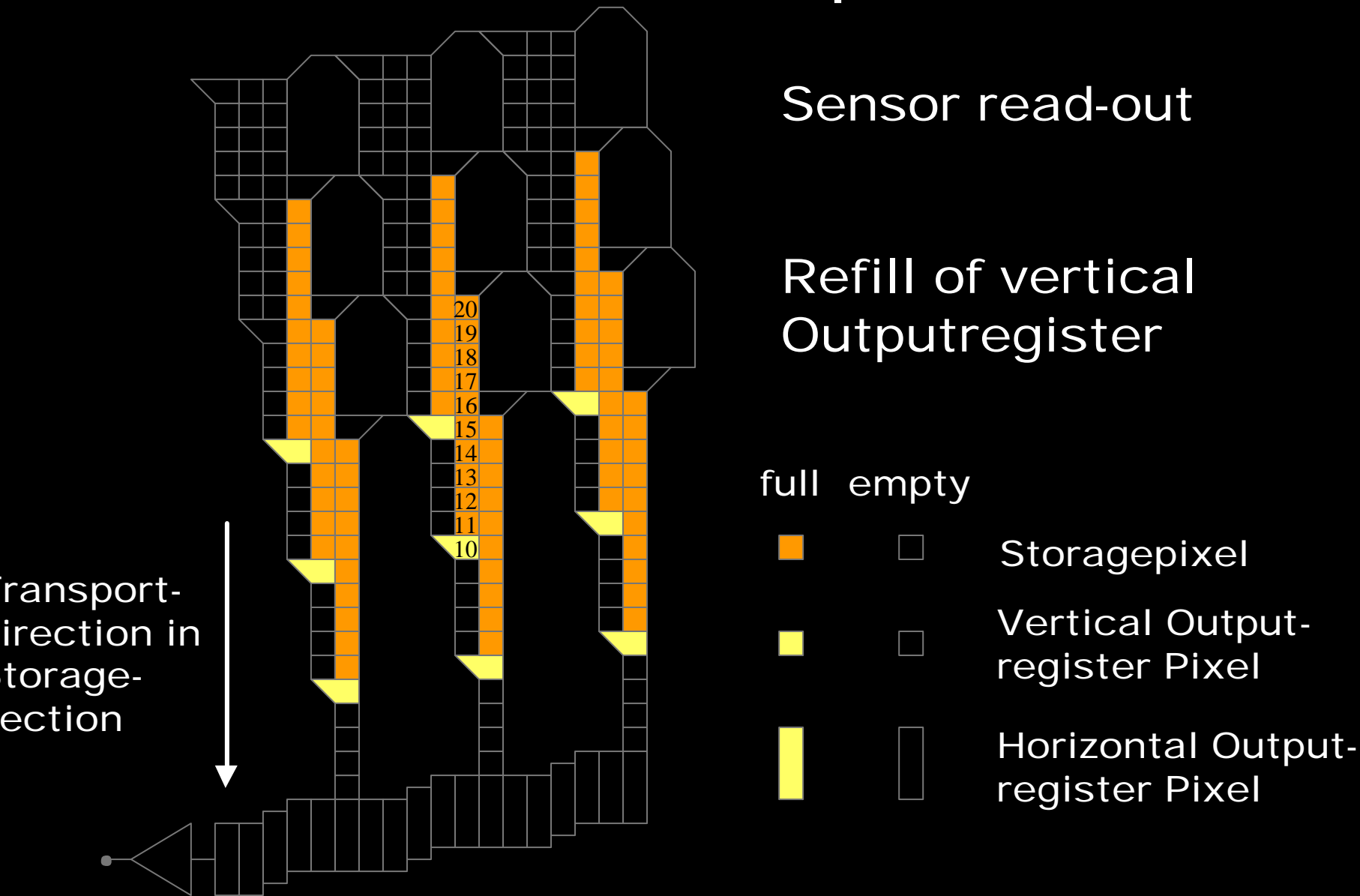
Vertical Output-
register Pixel



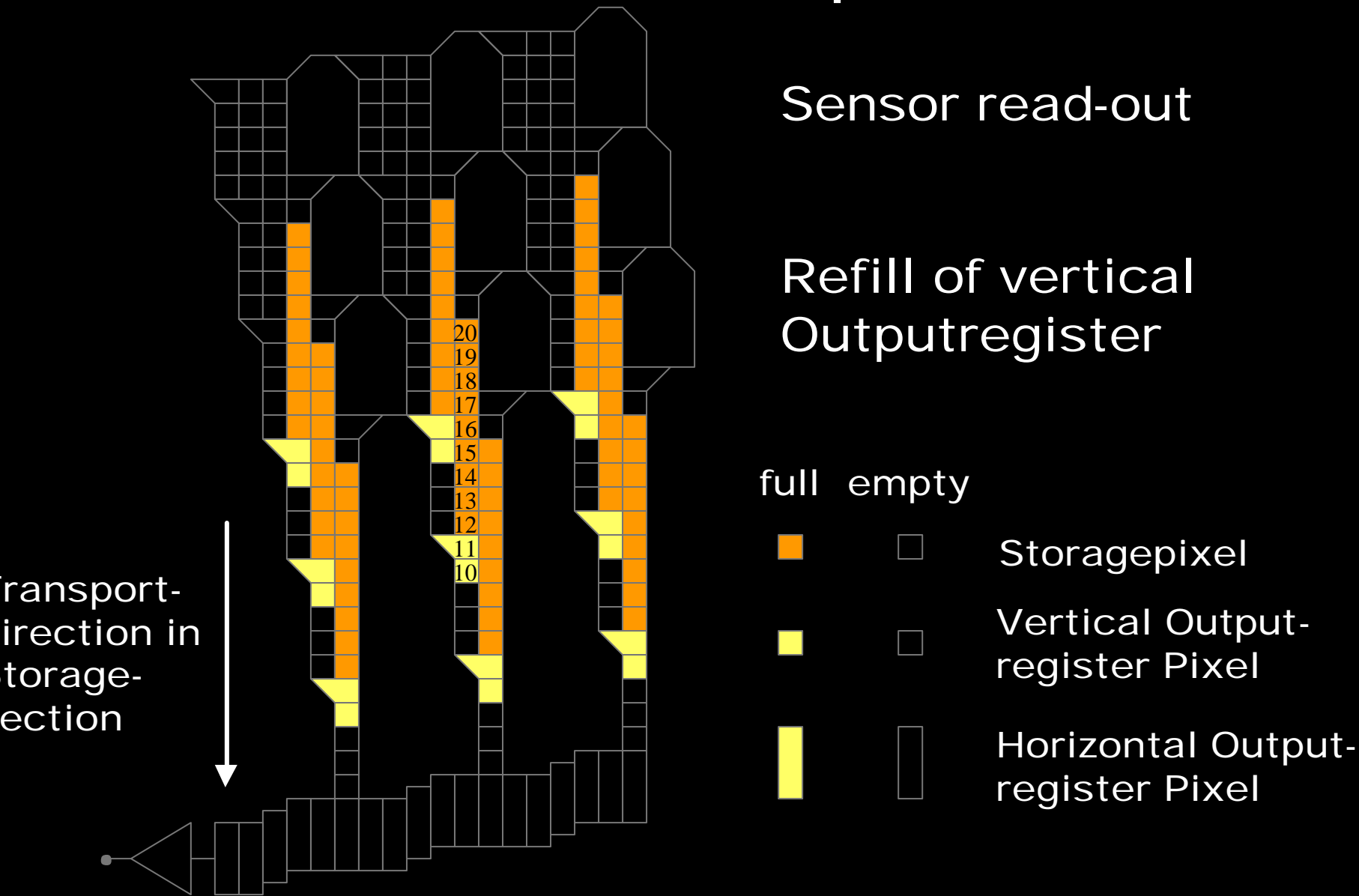
Horizontal Output-
register Pixel

Transportdirection horizontal

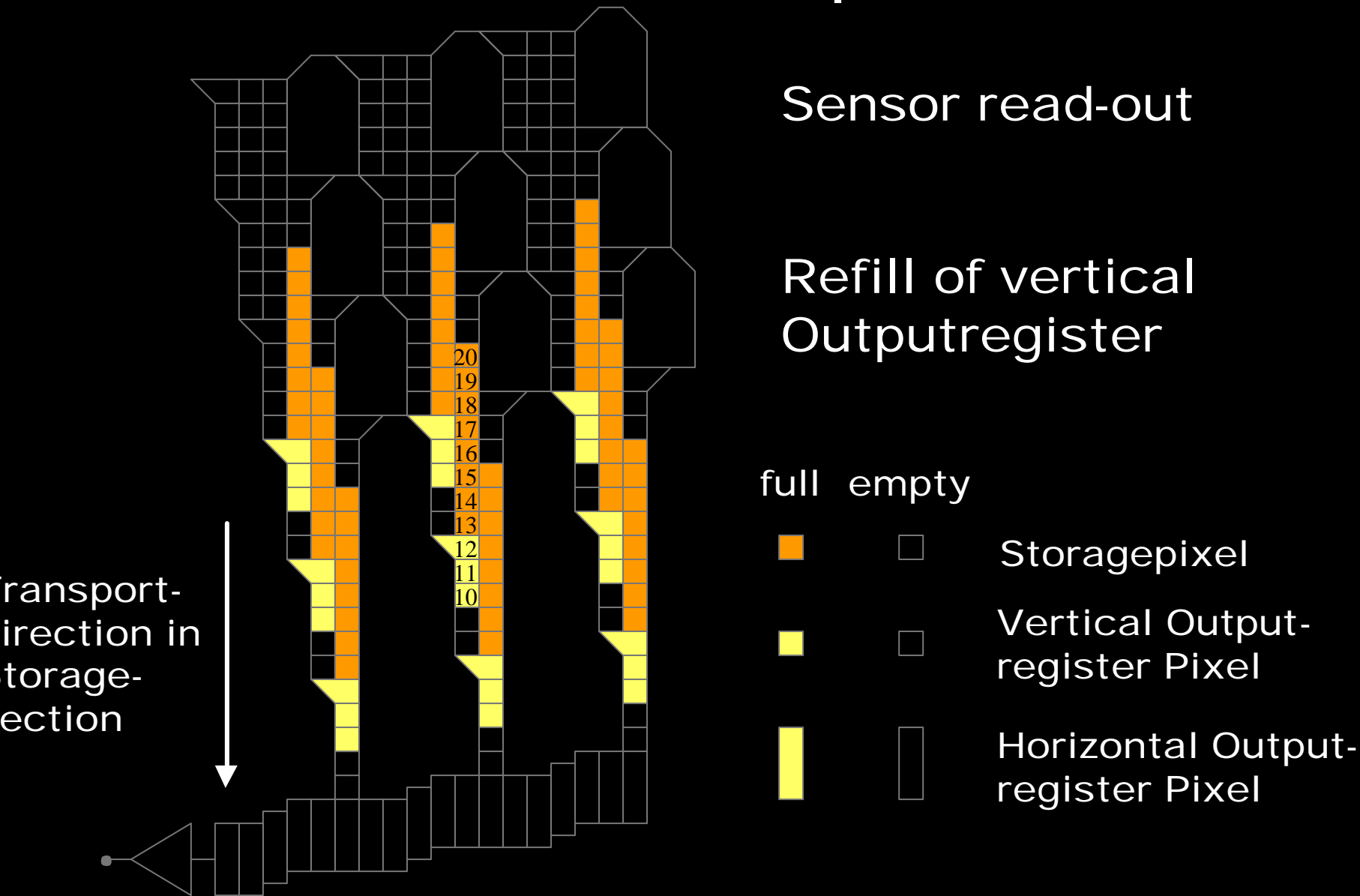
ISIS Principle



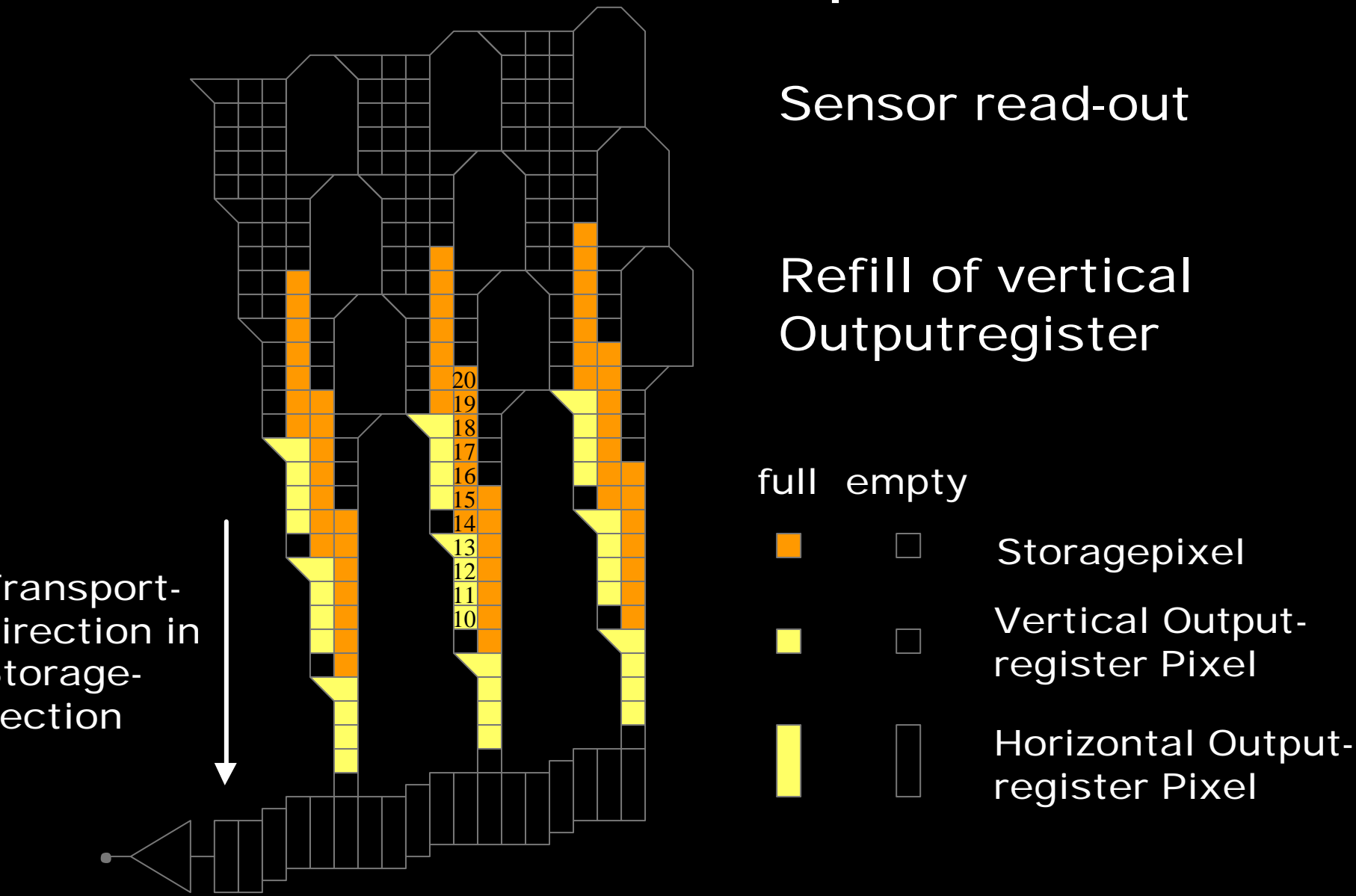
ISIS Principle



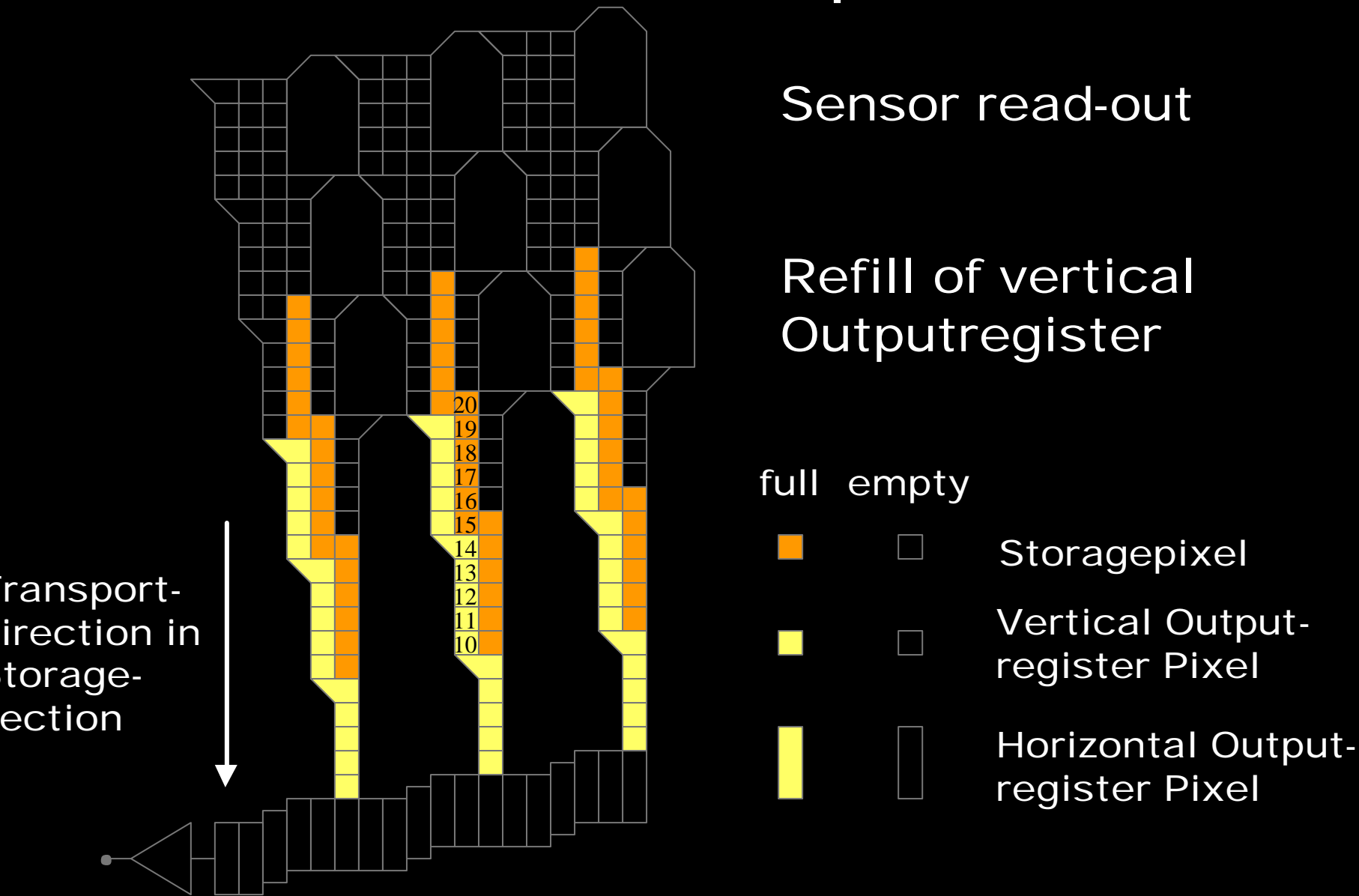
ISIS Principle



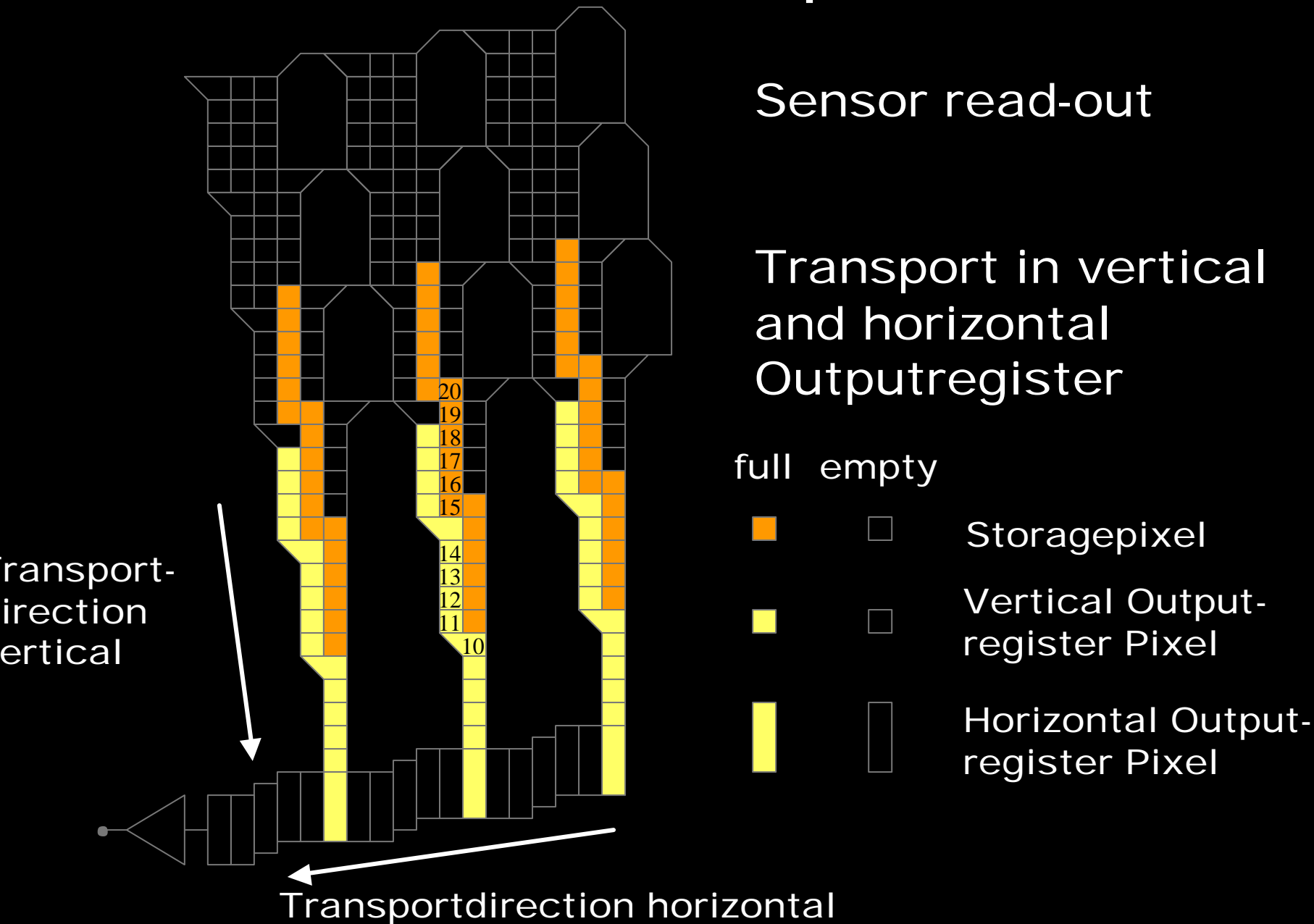
ISIS Principle



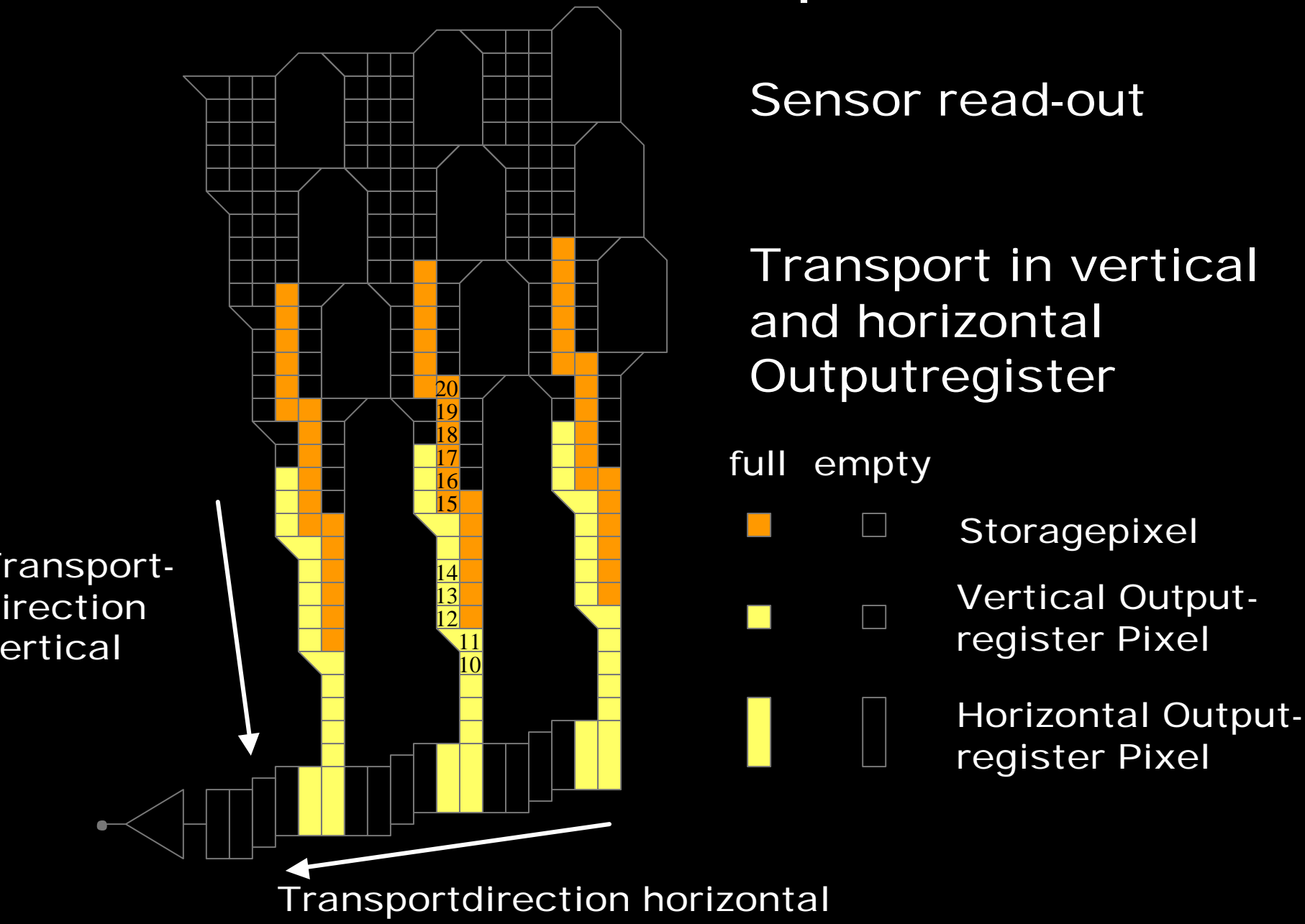
ISIS Principle



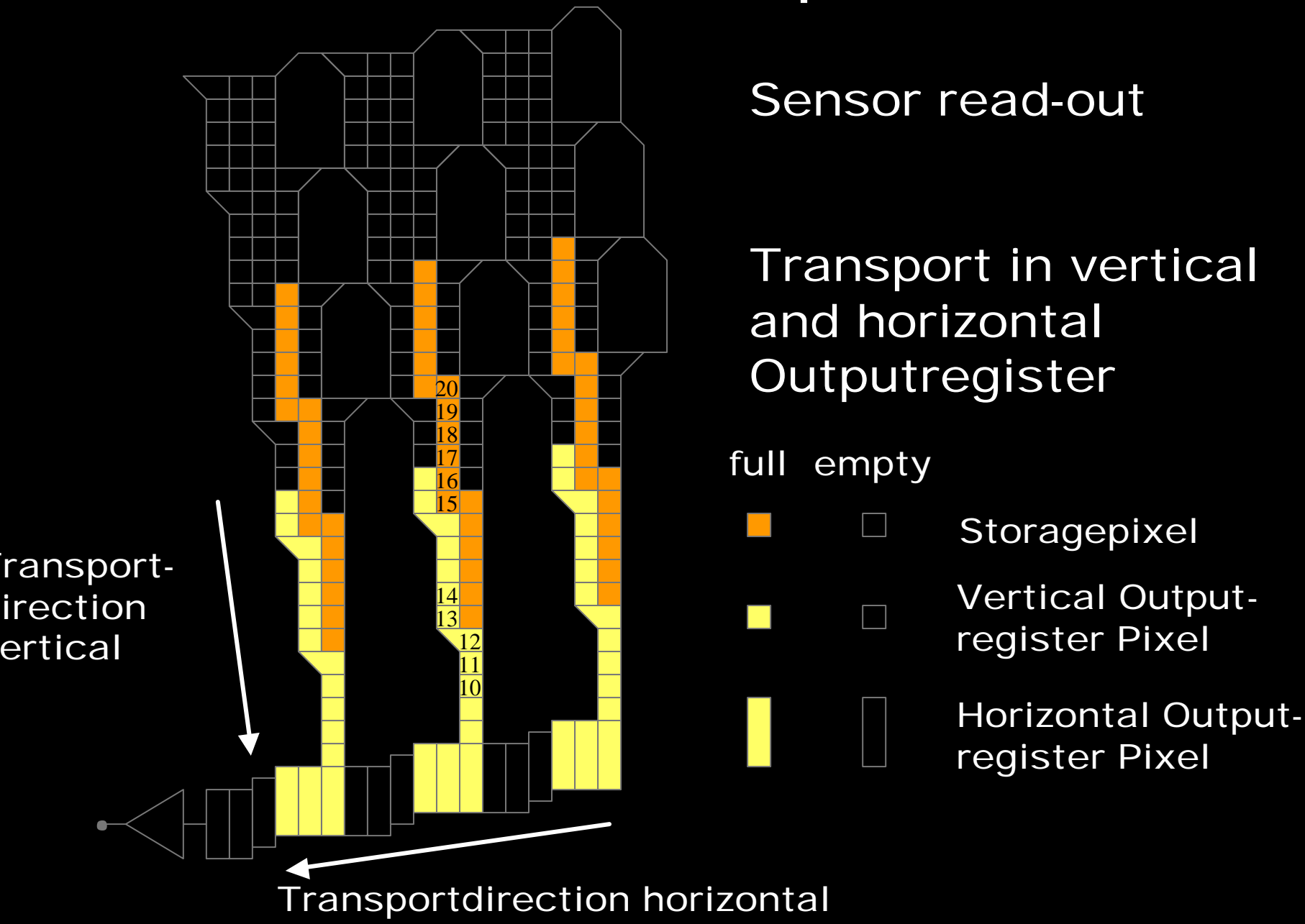
ISIS Principle



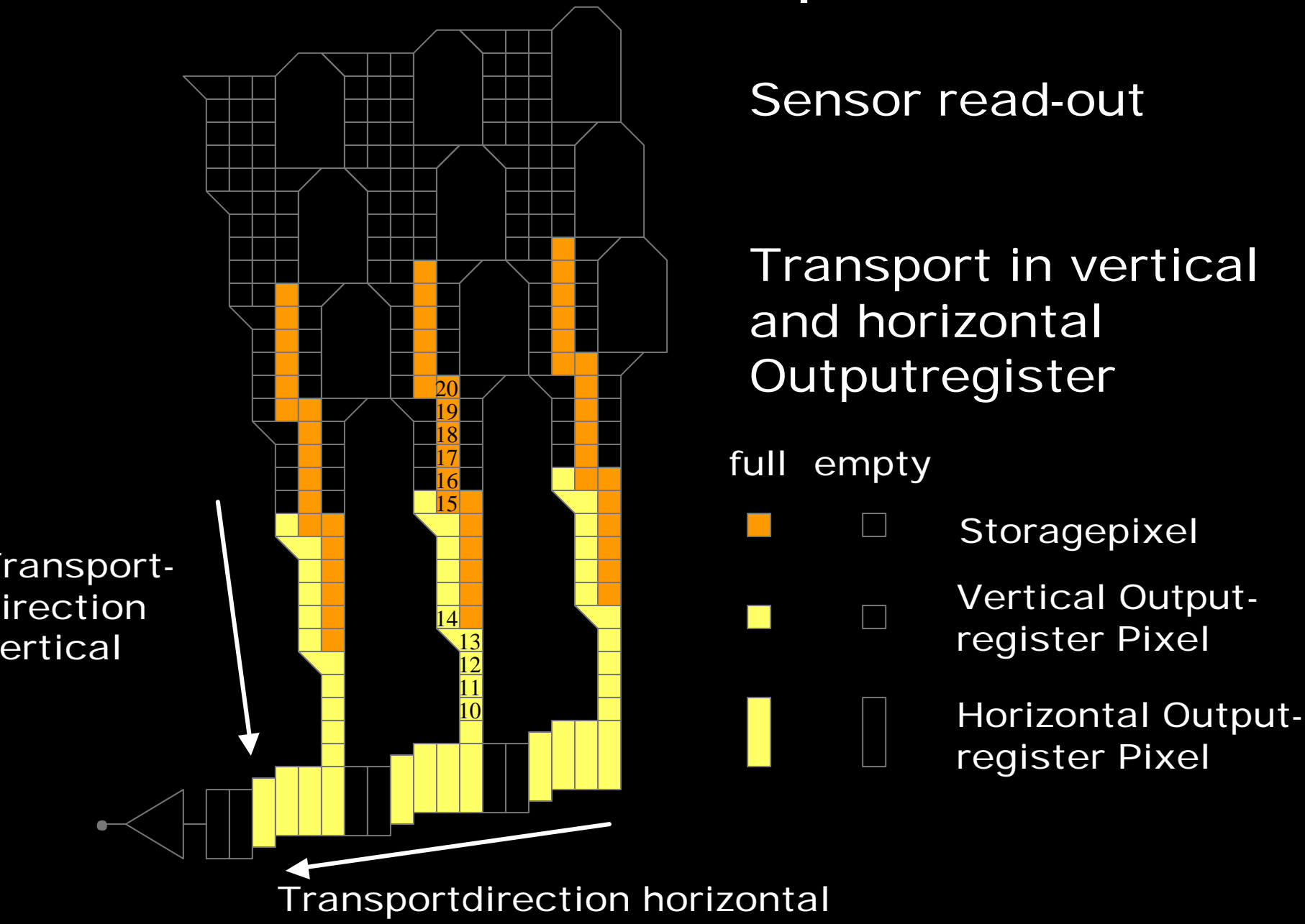
ISIS Principle



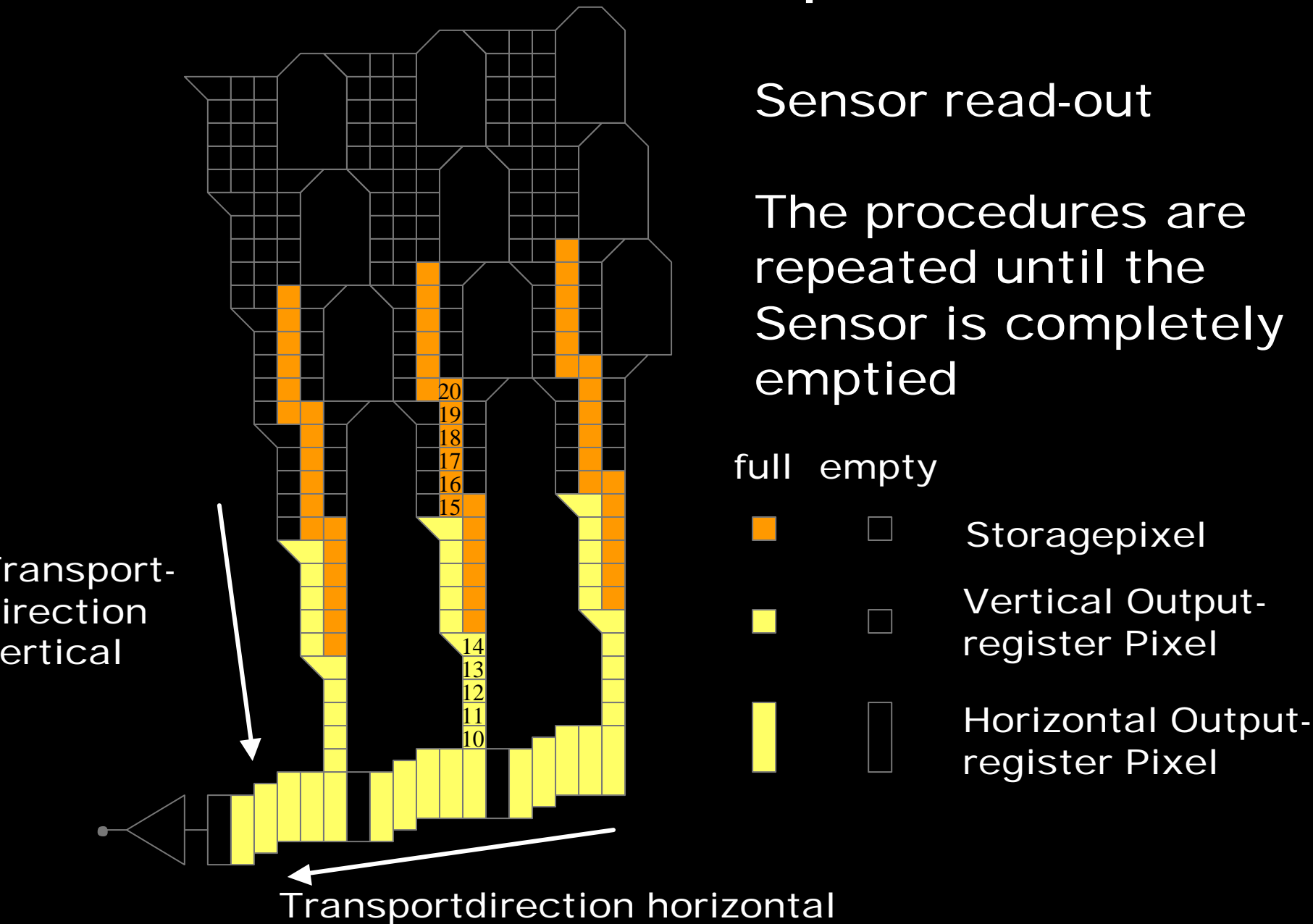
ISIS Principle



ISIS Principle



ISIS Principle



SPECIFICATIONS

Image Format :	312 x 260 Pixel monochrome
Image Number :	100 Images
Lens Mount :	F-mount (Nikon mount)
Dynamic Range :	10 bits
Frame Rate :	30 – 1,000,000 fps
Output Format :	BMP, TIFF, AVI
Size : (Kamera)	174 x 120 x 325 mm
(Control Unit)	220 x 425 x 380 mm