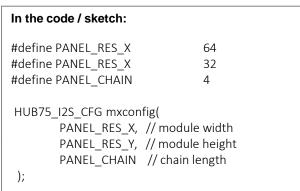
Standard Use – Horizontal 'chained' LED matrix panels

(example with 4 x (64w x 32h px) LED matrix panels chained in series)



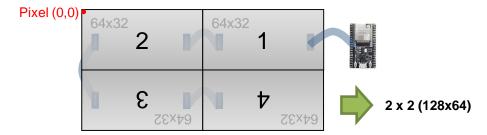
Note: 'VirtualMatrixPanel' usage is **not** required for a simple horizontal chain!



Using the 'VirtualMatrixPanel' to combine panels into a larger display

(refer to the 'ChainedPanels' example sketch)

Example 1) Top-right DOWN serpentine 'S' chain



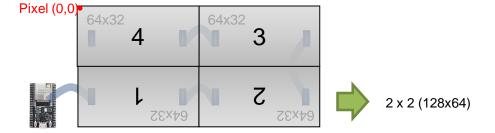
Refer to: ESP32-HUB75-MatrixPanel-DMA/examples/ChainedPanels at master · mrfaptastic/ESP32-HUB75-MatrixPanel-DMA · GitHub

Document Version: 2.1

Using the 'VirtualMatrixPanel' to combine panels into a larger display

(refer to the 'ChainedPanels' example sketch in the examples folder)

Example 2) Bottom-left UP serpentine 'S' chain

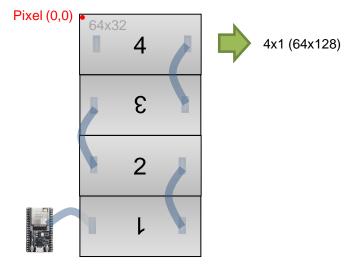


Document Version: 2.1

Using the 'VirtualMatrixPanel' to combine panels into a larger display

(refer to the 'ChainedPanels' example sketch in the examples folder)

Example 3) Vertical serpentine 'S' chain / stack





Using the 'VirtualMatrixPanel' to combine panels into a larger display

Serpentine 'S' chaining types supported.

| CHAIN | TOP | LEFT | DOW | N |
|-------|-----|------|-----|---|
| | | | | |

| ESP | panel 9 | 8 | 7 |
|-----|------------|---|---|
| | 4 | 5 | 6 |
| | 3 | 2 | 1 |

CHAIN_TOP_RIGHT_DOWN

| 7 | 8 | panel 9 | ESP |
|---|---|------------|-----|
| 6 | 5 | 4 | |
| 1 | 2 | 3 | |

Legend

upside down panel

CHAIN_BOTTOM_LEFT_UP

| | 3 | 2 | 1 |
|-----|------------|---|---|
| | 4 | 5 | 6 |
| ESP | panel 9 | 8 | 7 |

CHAIN_BOTTOM_RIGHT_UP

| 1 | 2 | 3 | |
|---|---|------------|-----|
| 6 | 5 | 4 | |
| 7 | 8 | panel 9 | ESP |