

Small Board Camera STC-S133 Series



Description

Small Board Camera

Features

Compact and lightweight camera for integration into machines
 Equipped with high-sensitivity sensors
 Users can select TV format, UVC (USB 3.0), or MIPI according to their operating environment

Product Line-up

| Model | Monochrome/Color | Resolution | Effective Pixels (H x V) | Sensor Size | Cell Size (μm) | Sensor | Interface |
|----------------|------------------|------------|--------------------------|-------------|----------------|--------|-----------|
| STC-S133N-** | Color | 0.65M | 1280 x 486 | 1/3.2 | 3.5 x 3.5 | ISX017 | TV Format |
| STC-S133P-** | | | 1211 x 576 | | | | |
| STC-S133UVC-** | | 1.3M | 1280 x 960 | | | | MIPI |
| STC-S133MIP-** | | | | | | | |

* Select a model from the Line-up list below when ordering.

Line-up

| TV Format (NTSC/PAL) | | | | | | | |
|----------------------|------------------|------------|-------------|------------|---|--|--|
| Model | Monochrome/Color | Frame Rate | Sensor Size | Lens Mount | General Specifications | | |
| STC-S133N | Color | 30 fps | 1/3.2 | --- | DPF, Board, Base (without lens mount) | | |
| STC-S133P | | 25 fps | | --- | DPF, Board, Base (without lens mount) | | |
| STC-S133N-NF | | 30 fps | | --- | Board, Base (without lens mount), No filter | | |
| STC-S133P-NF | | 25 fps | | --- | Board, Base (without lens mount), No filter | | |
| STC-S133N-L | | 30 fps | | S | DPF, Board, S Mount | | |
| STC-S133N-LS | | 30 fps | | S | DPF, Board, S Mount, Lens fixing washer | | |
| STC-S133P-L | | 25 fps | | S | DPF, Board, S Mount | | |
| STC-S133N-CS | | 30 fps | | CS | DPF, Board, CS Mount | | |
| STC-S133P-CS | | 25 fps | | CS | DPF, Board, CS Mount | | |
| STC-S133N-I | | 30 fps | | --- | IRCF, Board, Base (without lens mount) | | |
| STC-S133P-I | | 25 fps | | --- | IRCF, Board, Base (without lens mount) | | |
| STC-S133N-IL | | 30 fps | | S | IRCF, Board, S Mount | | |
| STC-S133P-IL | | 25 fps | | S | IRCF, Board, S Mount | | |
| STC-S133N-ICS | | 30 fps | | CS | IRCF, Board, CS Mount | | |
| STC-S133P-ICS | | 25 fps | | CS | IRCF, Board, CS Mount | | |
| STC-S133N-ILS | | 30 fps | | S | IRCF, Board, S Mount, Lens fixing washer | | |
| STC-S133N-AL | | 30 fps | | S | DPF, Case, S Mount | | |
| STC-S133P-AL | | 25 fps | | S | DPF, Case, S Mount | | |
| STC-S133N-ACS | | 30 fps | | CS | DPF, Case, CS Mount | | |
| STC-S133P-ACS | | 25 fps | | CS | DPF, Case, CS Mount | | |
| STC-S133N-IAL | | 30 fps | | S | IRCF, Case, S Mount | | |
| STC-S133P-IAL | | 25 fps | | S | IRCF, Case, S Mount | | |
| STC-S133N-IACS | | 30 fps | | CS | IRCF, Case, CS Mount | | |
| STC-S133P-IACS | | 25 fps | | CS | IRCF, Case, CS Mount | | |

Note. DPF: Dual Pass Filter, IRCF: IR Cut Filter

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| USB3.0 (UVC) | | | | | |
|-------------------|------------------|------------|-------------|------------|---|
| Model | Monochrome/Color | Frame Rate | Sensor Size | Lens Mount | General Specifications |
| STC-S133UVC-BL | Color | 60 fps | 1/3.2 | --- | IRCF, Board, Base (without lens mount), Connector from bottom |
| STC-S133UVC-BLL | | | | S | IRCF, Board, S Mount, Connector from bottom |
| STC-S133UVC-BLCS | | | | CS | IRCF, Board, CS Mount, Connector from bottom |
| STC-S133UVC-DBL | | | | --- | DPF, Board, Base (without lens mount), Connector from bottom |
| STC-S133UVC-DBLL | | | | S | DPF, Board, S Mount, Connector from bottom |
| STC-S133UVC-DBLCS | | | | CS | DPF, Board, CS Mount, Connector from bottom |
| STC-S133UVC-ALL | | | | S | IRCF, Case, S Mount, Connector from bottom |
| STC-S133UVC-ALCS | | | | CS | IRCF, Case, CS Mount, Connector from bottom |
| STC-S133UVC-DALL | | | | S | DPF, Case, S Mount, Connector from bottom |
| STC-S133UVC-DALCS | | | | CS | DPF, Case, CS Mount, Connector from bottom |
| STC-S133UVC-BS | | | | --- | IRCF, Board, Base (without lens mount), Connector from rear |
| STC-S133UVC-BSL | | | | S | IRCF, Board, S Mount, Connector from rear |
| STC-S133UVC-BSCS | | | | CS | IRCF, Board, CS Mount, Connector from rear |
| STC-S133UVC-DBS | | | | --- | DPF, Board, Base (without lens mount), Connector from rear |
| STC-S133UVC-DBSL | | | | S | DPF, Board, S Mount, Connector from rear |
| STC-S133UVC-DBSCS | | | | CS | DPF, Board, CS Mount, Connector from rear |

Note: DPF: Dual Pass Filter, IRCF: IR Cut Filter

| MIPI | | | | | |
|-------------------|------------------|------------|-------------|------------|--|
| Model | Monochrome/Color | Frame Rate | Sensor Size | Lens Mount | General Specifications |
| STC-S133MIP | Color | 60 fps | 1/3.2 | --- | IRCF, Board, Base (without lens mount) |
| STC-S133MIP-CS | | | | CS | IRCF, Board, CS Mount |
| STC-S133MIP-L | | | | S | IRCF, Board, S Mount |
| STC-S133MIP-NF | | | | --- | Board, No filter |
| STC-S133MIP-D | | | | --- | DPF, Board, Base (without lens mount) |
| STC-S133MIP-DCS | | | | CS | DPF, Board, CS Mount |
| STC-S133MIP-DL | | | | S | DPF, Board, S Mount |
| STC-S133MIP-ALL | | | | S | IRCF, Case, S Mount |
| STC-S133MIP-ALCS | | | | CS | IRCF, Case, CS Mount |
| STC-S133MIP-DALL | | | | S | DPF, Case, S Mount |
| STC-S133MIP-DALCS | | | | CS | DPF, Case, CS Mount |

Note: DPF: Dual Pass Filter, IRCF: IR Cut Filter
Harness is included.