
Accessory for Vision Systems - SPS-Power-Kabel-HR10-AVT-5m

Short description: I/O Cable for Prosilica, Goldeye and Manta Cameras, 5m

Order number: 4-40-310



Characteristics

- Allows direct trigger and power supply
 - Cable with 12-Pin-Socket and open end
 - Recommended by Allied Vision Technologies
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Technical data

Wire

Length [m]	5
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Suitable for Drag Chains	no
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First Connection

Pin Number	12
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Model	Hirose HR10A-10P-12S
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Gender	Socket
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Second Connection

Model	pig tail (open wires)
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Drawings

Prosilica GT camera

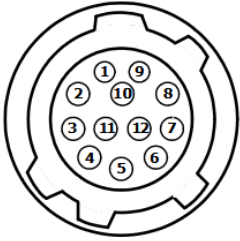
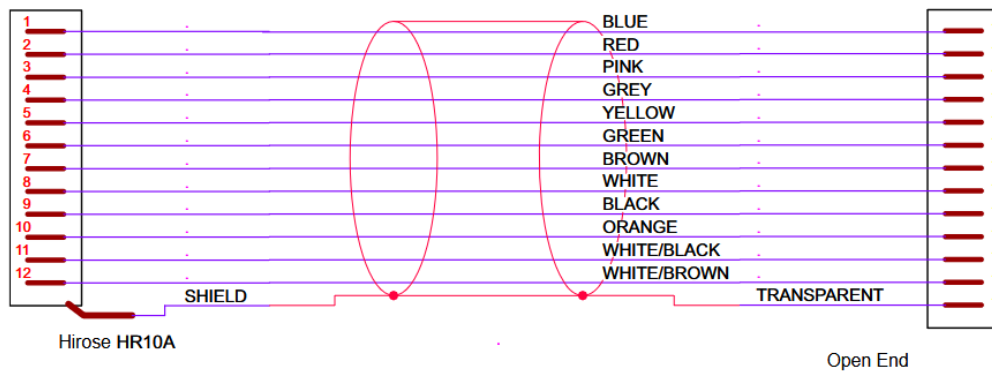
Drawing	Pin	Cable color	Signal	Direction	Level	Description
	1	Blue	External GND	---	GND for RS232 and ext. power	External Ground for RS232 and external power
	2	Red	External Power	---	+7 to +25 VDC	Camera Power Supply
	3	Pink	Camera Out 4	Out	Open emitter max. 8 mA	Camera Output 4 (SyncOut4) opto-isolated
	4	Grey	Camera In 1	In	LVTTTL max. 3.3 V	Camera Input 1 (SyncIn1) non-isolated
	5	Yellow	Camera Out 3	Out	Open emitter max. 8 mA	Camera Output 3 (SyncOut3) opto-isolated
	6	Green	Camera Out 1	Out	LVTTTL max. 3.3 V	Camera Output 1 (SyncOut1) non-isolated
	7	Brown	Camera In GND	In	Common GND for inputs	Camera Common Input Ground (In GND)
	8	White	RxD (RS232)	In	RS232	Terminal Receive Data
	9	Black	TxD (RS232)	Out	RS232	Terminal Transmit Data
	10	Orange	Camera Out Power	In	Common VCC for outputs +5 to +24 VDC	Camera Output Power for digital outputs (Out VCC)
	11	White/Black	Camera In 2	In	$U_{in}(high) = 5 \text{ to } 24 \text{ V}$ $U_{in}(low) = 0 \text{ to } 0.8 \text{ V}$	Camera Input 2 (SyncIn2) opto-isolated
	12	White/Brown	Camera Out 2	Out	LVTTTL max. 3.3 V	Camera Output 2 (SyncOut2) non-isolated

Table 8: Prosilica GT cable color code



Dimensional drawing in mm