

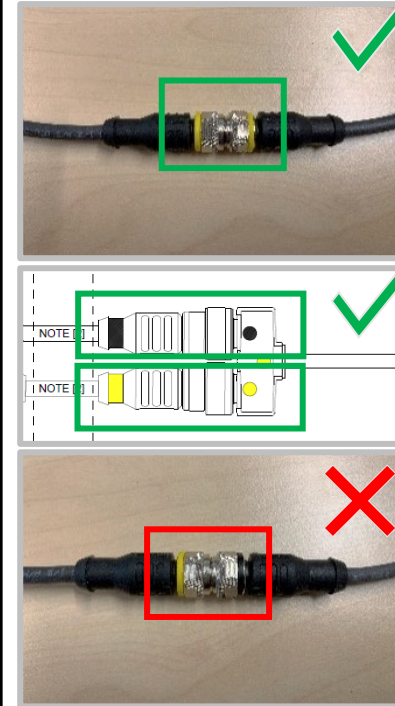


ISC CAM Quick startup guide

Connections			
Function	Required	Cable connector	Location
Power supply	Required	M12 male 4-pin A-Coded	ISC CAM Power supply cable
Ethernet	Required: ISC setup Optional: PLC connectivity	M12 female 4-pin D-Coded*	ISC CAM Ethernet cable
Divert signal Run-fault signal	Optional	M12 female 4-pin A-Coded**	ISC CAM Port C3

See connection diagram for details

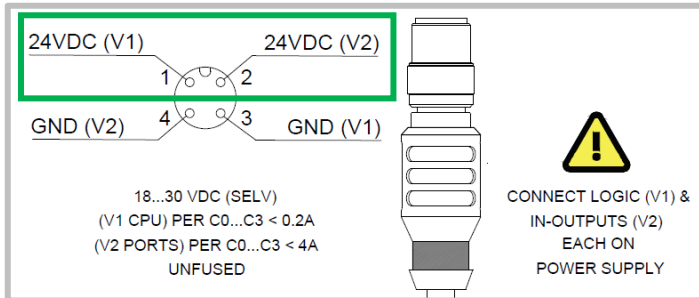
Color coding



Cable	Ring	Function
Black	Gray	Power supply
Black	Black	Sensor
Black	Green	Encoder (Sick)*
Black	White	Encoder (Turck)*
Black	Yellow	Valve AIM™ S800*
Black	Blue	Valve DARB™ S45x0*
Black	Red	Valve bank S70x0*
Green	-	Ethernet

* Configuration/platform dependent

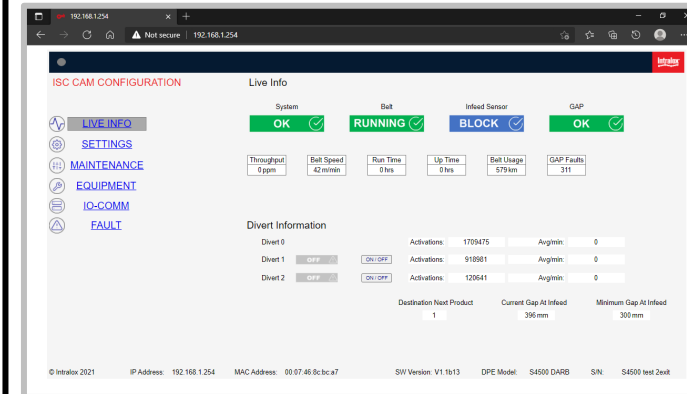
Power supply



Dual 24V power required.

See connection diagram for details

Connectivity



Default IP Address: 192.168.1.254

HMI: <http://192.168.1.254>

When PLC connectivity is used, IP address ISC CAM **should** be changed to user-specified IP address.

Set IP Address Windows PC

Set static IP***

- Open a command prompt (cmd.exe)
- Enter: netsh interface ipv4 show config
- Find the interface name e.g. "Local Area Connection"
- Enter: netsh interface ipv4 set address name="YOUR INTERFACE NAME" static 192.168.1.2 255.255.255.0 0.0.0.0

Set dynamic IP***

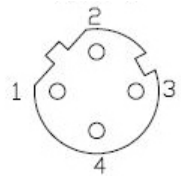
- Open a command prompt (cmd.exe)
- Enter: netsh interface ipv4 show config
- Find the interface name e.g. "Local Area Connection"
- Enter: netsh interface ipv4 set address name="YOUR INTERFACE NAME" source=dhcp

*** Consult with your IT department for support and details

Ethernet P1/(P2)*

M12 female 4-pin D-Coded

- Pin 1: TX+ (RX+)
- Pin 2: RX+ (TX+)
- Pin 3: TX- (RX-)
- Pin 4: RX- (TX-)



Divert signal/Run-fault signal**

M12 female 4-pin A-Coded

- Pin 1: 24VDC out (V2)
- Pin 2: Divert signal in
- Pin 3: Ground (V2)
- Pin 4: Run-fault signal out
- Pin 5: Not connected

