

VISION PLC AND HMI IN ONE UNIT IP65

Vision - Colour 3.5" Touchscreen & Vision 130 - Graphic 2.4" Display OPLC Series with expandable I/O - **Expandable up to 256 (V130)**
Colour 4.3" Touchscreen - **Expandable up to 512 (V350/V430)**

Free Visilogic Ladder Software
Including Programming Cable



Standard Size (mm)
96 x 96

Vision 130/350/430 Features

HMI:

- 1024 user designed screens & 250(V350)/400(V130) images per application
- Built in alarm screens (V350)

- Troubleshoot via the HMI, no PC needed

PLC:

- I/O options include high-speed, temperature & weight measurement
- Expandable via IO cards
- Recipe programs & data logging via Data tables
- Micro SD card - log, backup, clone & more
- **Communication:**
- GPRS/GSM/CDMA enabled
- TC/IP via Ethernet
- Web server: view & edit PLC data via the Internet
- SMS and e-mail function
- MODBUS protocol
- CANbus: CANopen, UniCAN SAE J1939 & more
- Supplied with RS232/RS485 ports. 2 ports may be added: 1 Serial/Ethernet/Profibus & 1 CANbus



V130-J Flat Panel



V350-J Flat Panel



V430-J Panel

Code	V130-J-X	B1	TR20	R34	TR34	TR6	RA22	TRA22	T2	T38	TA24
	V350-J-X		RH2			RH6					
Inputs	Digital		12	22	22	8	12	12	12	22	12
	HSC/Shaft Encoder/max, Freq. Measurer		3.	3.	3.	1.	1.	1.	3.	2.	1.
	Analog		200kHz 32-bit	30kHz 32-bit	200kHz 32-bit	200kHz 32-bit	30kHz 32-bit	200kHz 32-bit	30kHz 32-bit	30kHz 32-bit	30kHz 32-bit
	NO onboard I/O's. HMI Only		2. 10-bit, 0-10V, 0-20mA, 4-20mA	2. 10-bit, 0-10V, 0-20mA, 4-20mA	2. 10-bit, 0-10V, 0-20mA, 4-20mA	2. 10-bit, 0-10V, 0-20mA, 4-20mA	2. 14-bit, 0-10V, 0-20mA, 4-20mA	2. (2 modes) Normal: 14-bit Fast: 12-bit 0-10V, 0-20mA, 4-20mA	2. 10-bit, 0-10V, 0-20mA, 4-20mA	2. 10-bit, 0-10V, 0-20mA, 4-20mA	2. (2 modes) Normal: 14-bit Fast: 12-bit 0-10V, 0-20mA, 4-20mA
Temperature Measurement			-	-	-	-	and as 2. PT100/TC	and as 2. PT100/TC	-	-	2. PT100/TC
Outputs	Relay PNP		6	12	8	6	8	4	-	-	-
	High-Speed Outputs/PWM		-	-	4 NPN, (3 PTO) 200Khz	-	-	4 PNP, (2 PTO) 200Khz	7	7	5
	Analog		2 NPN, (2 PTO) 200Khz	-	-	2 NPN, (2 PTO) 200Khz	-	2. 12-bit 0-10V, 4-20mA	0.5kHz	0.5kHz	0.5kHz
	Power Supply		-	-	-	-	2. 12-bit 0-10V, 4-20mA	2. 12-bit 0-10V, 4-20mA	-	-	2. 12-bit 0-10V, 4-20mA

24VDC* except V350-35-B1, V130-33-B1 and V430-J-B1 which are 12/24VDC

*12VDC available in V120 Range For Power Supplies see page 307

SAMBA™ IP66

Samba™ - Improve your competitive advantage. Great look incredible price - **Expandable via remote I/O's via CANbus**

Free Visilogic Ladder Software
Including Programming Cable



HMI:

- 24 user-designed screens and 40 images per application
- Built in alarm screens
- Troubleshoot via the HMI panel, no PC needed

- **PLC:**
- I/O options include: Digital, Analog and High speed
- Auto-Tune PID, 2 independent loops
- Recipe programs and data logging via Data Tables

Communication:

- TCP/IP via Ethernet
- Send e-mail function
- SMS messaging
- GPRS/GSM
- MODBUS protocol support
- CANbus: Canopen, UniCAN, SAE J1939 and more
- 2 ports may be added: 1 Serial (RS232/RS485)/ Ethernet & 1 CANbus



SAMBA35™



SAMBA43™



SAMBA70™

Code	SM35-J-X SM43-J-X SM70-J-X	R20	T20	RA22	TA22
Inputs	Digital	10	10	10	10
	HSC/Shaft Encoder	1. 30kHz 32-bit 2. 10-bit	3. 30kHz 32-bit 2. 10-bit	1. 30kHz 32-bit 2. 12/14-bit	1. 30kHz 32-bit 2. 12/14-bit
	Analog	0-10v, 0-20mA, 4-20mA	0-10v, 0-20mA, 4-20mA	0-10v, 0-20mA, 4-20mA	0-10v, 0-20mA, 4-20mA
Temperature	-	-	2. PT100/TC	2. PT100/TC	
Outputs	Digital	8 Relay	8 PNP	8 Relay	8 PNP
	Analog	-	-	2. 12-bit 0-10v, 4-20mA	2. 12-bit 0-10v, 4-20mA
	High -Speed Outputs/PWM	-	Outputs 0-7 can be used as PWM outputs 0.5kHz	-	Outputs 0-5 can be used as PWM outputs 0.5kHz
	Power Supply	24VDC			