iView
Advanced HMI Controller

Key Features

- IP66 protection (M & H series)*
- 5 Integral serial ports (inc. screwless)*
- FTP functionality*
- Integral Ethernet port*
- Removable media for data logging
- Remote capability*
- 65k colour resistive touch screen
- Integral offline software simulation
- Over 480 industry protocols as standard
- Aluminium bezel available*
- Screen configuration in either landscape or portrait mode

   * Some of the features listed above are model dependant

See the difference with a huge range of features included as standard

IMO's new range of iView HMI's are available in five touch screen sizes 4.3", 7.0", 10.4", 12.1" and 15.0". The HMI range options include E Series models for simple applications, M Series models for medium range applications and H Series models with higher capability for more demanding applications.
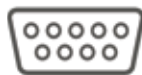
The new HMI's have high resolution 65K colour resistive touch LCD TFT screens operating on an ARM based Processor. The compact and well-designed bodies are packed with features. Communication and data logging is made easy by incorporating a number of ports; two USB, one Ethernet*, up to five Serial ports and removable media ports. These features make it possible to connect to printers, keyboards or a mouse, and data storage on a microSD™ card* or USB Flash Drive.

Now featuring IoT functionality, the iView is rich in communication features, and allows for remote connectivity via VNC server or Android App "HMI In Hand" and IDCS remote functions. The iView has integrated Ethernet protocols (Modbus TCP/IP, BACnet/IP, Profinet/IP), and Serial protocols (including Modbus RTU, BACnet, Siemens MPI).

The included IMO iView Developer programming software is an exceptionally easy to use integrated development tool, featuring solution-oriented screen objects, high-end vector graphics, Windows font support for multi-language applications, recipes, alarms, data loggers and operation logging. Other functions include Trending, XY Graph, Alarm Monitoring and Time Scheduling.

IP66 water & dust proof
Ingress Protection for Dust Proofing and Water Resistance

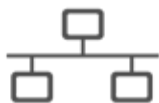5 In-built Serial Ports including 1 x Screwless*

Multiple screen sizes up to 15.0" with portrait or landscape orientation

FTP
In-built FTP file transfer functionality allowing remote download
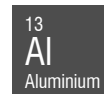
Plug in power terminal for easyfit

In-built Ethernet Port for remote connectivity

2 In-built USB Ports - 1 x USB A, 1 x USB B

13 **Al** Aluminium
Aluminium bezel available on selected models

microSD™
MicroSD card* storage for Data Logging

   * Some of the features listed above are model dependant

*i*View E Series Specifications

	IV204E-S0CP	IV204E-SECP	IV207E-SECP	IV210E-SECP
Screen Size	4.3" (16:9)	4.3" (16:9)	7.0" (16:9)	10.1" (16:9)
Resolution	480 x 272	480 x 272	800 x 480	1024 x 600
Colours	65k	65k	65k	65k
Supply Voltage	24VDC	24VDC	24VDC	24VDC
Removable Media	Yes	Yes	Yes	Yes
Serial Ports	3	3	3	3
USB Ports	2	2	2	2
Ethernet Ports	No	1	1	1
Operating Temperature	0℃ to +50℃	0℃ to +50℃	0℃ to +50℃	0℃ to +50℃
Approvals	CE, FCC	CE, FCC	CE, FCC	CE, FCC

* E Series iView HMI offer IP65 protection on all models. Aluminium bezel is not available on E Series.

*i*View M Series Specifications

	IV204M-SEAP	IV207M-SEAP	IV210M-SEAP	IV212M-SEAA	IV215M-SEAA
Screen Size	4.3" (16:9)	7.0" (16:9)	10.4" (16:9)	12.1" (16:9)	15.0" (16:9)
Resolution	480 x 272	800 x 480	800 x 600	800 x 600	1024 x 768
Colours	65k	65k	65k	65k	65k
Supply Voltage	24VDC	24VDC	24VDC	24VDC	24VDC
Removable Media	Yes	Yes	Yes	Yes	Yes
Serial Ports	4	5	5	5	5
USB Ports	2	2	2	2	2
Ethernet Ports	1	1	1	1	1
Operating Temperature	-10℃ to +60℃	-10℃ to +60℃	-10℃ to +60℃	-10℃ to +60℃	-10℃ to +60℃
Approvals	CE, UL, cUL, FCC	CE, UL, cUL, FCC	CE, UL, cUL, FCC	CE, UL, cUL, FCC	CE, UL, cUL, FCC

*i*View H Series Specifications

	IV07H-SEAA	IV10H-SEAA	IV12H-SEAA	IV15H-SEAA
Screen Size	7.0" (16:9)	10.4" (16:9)	12.1" (16:9)	15.0" (16:9)
Resolution	800 x 480	800 x 600	1024 x 768	1024 x 768
Colours	65k	65k	65k	65k
Supply Voltage	24VDC	24VDC	24VDC	24VDC
microSD™ Slot	up to 32GB	up to 32GB	up to 32GB	up to 32GB
Serial Ports	3	3	3	3
USB Ports	2	2	2	2
Ethernet Ports	1	1	1	1
Operating Temperature	-20℃ to +60℃	-20℃ to +60℃	-20℃ to +60℃	-20℃ to +60℃
Approvals	CE, UL, cUL, FCC	CE, UL, cUL, FCC	CE, UL, cUL, FCC	CE, UL, cUL, FCC

Accessories

MSD-16GB	16GB microSD™ Card
IV-USB	USB Programming Cable
SMTIV-RS232	iView to iSmart RS232 Communication Cable

MSD-16GB
16GB microSD™ Card

*i*View Developer Software

IMO provides license free programming software for all *i*View Controllers. Simply go to www.imopc.com and click on "Software" to find the range of products you need software for, and then download as required.