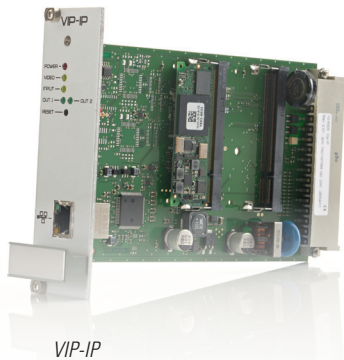




MULTI-FUNCTIONAL VIDEO DETECTION BOARDS

VIP-Series™

The VIP-series (VIP-HD and VIP-IP) offers multi-functional video image processing modules for traffic control. VIP boards integrate automatic incident detection, data collection, recording of pre and post-incident image sequences and streaming video in one board. VIP modules have been installed for road and tunnel projects all over the world.



VIP-IP



VIP-HD

www.flir.com/its



AUTOMATIC INCIDENT DETECTION

VIP-Series modules detect a variety of traffic and non-traffic events

- Stopped vehicles, speed drops, and traffic congestion
- Levels of service
- Overspeed and underspeed
- Wrong-way drivers
- Pedestrians and fallen objects
- Smoke in tunnels



L	FSp	ZOcc	AI
1	73	41	0
2	79	40	0
3	120	38	0
4	126	34	0
5	92	34	0
6	84	21	0

TRAFFIC DATA COLLECTION

VIP-Series modules collect traffic data, detect queues, and emulate loops on highways and inter-urban roads.

- Traffic flow speed and zone occupancy
- Integrated vehicle traffic data: average speed per vehicle class per lane (headway and gap time per length) and occupancy
- Individual vehicle traffic data: speed, gap time, headway, and vehicle classification



EASY TO INSTALL AND OPERATE

Users can enjoy a reliable, trouble-free detection solution 24/7

- Instant operator warnings
- Convenient logging and recording of events, data, and video sequences
- Extensive interfacing and reporting capabilities
- Field-proven video detection experience
- High lifetime, low power, and easy maintenance

SPECIFICATIONS

Models	VIP-IP	VIP-HD
Video input	IP video: VGA, 4CIF or D1	IP video: up to full HD in H264 or MPEG-4
Encoding format	H.264, MPEG-4, MJPEG	H.264, MPEG-4, MJPEG
Max. resolution	D1 @ 30 fps	Full HD (1920x1080) @ 30 fps
Multi-streaming	Single H.264 or MPEG-4 or MJPEG	Single H.264 or MPEG-4 or MJPEG
Max. Streams	Max 4 unicast or multicast	Max 4 unicast or multicast
Audio	No	No
Boards per rack	8 in (19" rack)	8 in (19" rack)
Power supply, outputs, & communication		
Power	< 4W	< 4W
Standalone form	Box, 24 V DC (+/- 15%)	Box, 24 V DC (+/- 15%)
LAN connector type	10/100 Mbps RJ45	10/100 Mbps RJ45
Digital inputs	1	1
Digital outputs	2	2
Data	No	No
PTZ control	No	No
Comm. Standards	SNMP	SNMP
Additional features		
AID	AID overlay	AID overlay
Operating temperature	-34 °C to +74 °C -29 °F to 165 °F	-34 °C to +74 °C -29 °F to 165 °F
MTBF	200,000 hrs	200,000 hrs
Dimensions (HxWxD)	130 mm x 41 mm x 190 mm	130 mm x 41 mm x 190 mm
Weight	200 g	200 g
Analytics	Video analytics module for network cameras	Video analytics module for network HD cameras
Automatic incident detection	Yes	Yes
Data collection	Yes	Yes
Multi-codec & multi-streaming	-	-
Encoding format	H.264, MPEG-4, MJPEG	H.264, MPEG-4, MJPEG
ONVIF compliant	-	-

Specifications are subject to change without notice. For the most up-to-date specs, go to www.flir.com

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