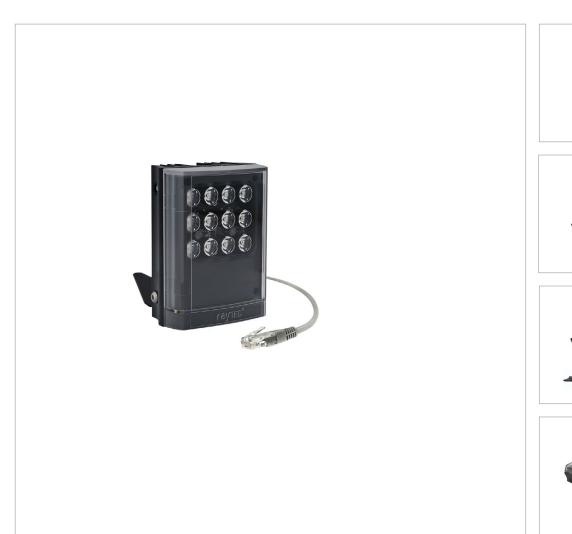
VAR2-IPPOE-hy6-1 Medium Range Hybrid Network Illuminator





- Dedicated IP Lighting for Network Cameras
- Smart and Programmable
- Lighting that Responds to any Event
- Control Lights Individually or in Groups
- Integrated Web Interface

- Combined Infra-Red & White-Light Illumination
- Distances up to 180m (591ft) IR & 88m (289ft) WL
- PLATINUM Elite twin-core SMT LED Technology
- Hot-spot Reduction Technology (HRT)
- VARIO Interchangeable Lens System

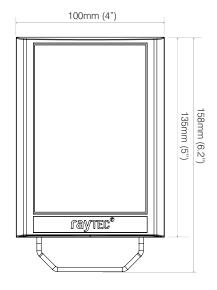
VARIO2 IP Hybrid illuminators provide dedicated high performance lighting for IP cameras. VARIO2 IP Hybrid illuminators use PLATINUM Elite twin-core SMT LED technology to deliver all the performance of a stand alone Infra-Red illuminator and a stand alone White-Light illuminator in a single, fully integrated two-in-one solution, and can be fully integrated into an IP eco-system to provide smart, situation dependent lighting.

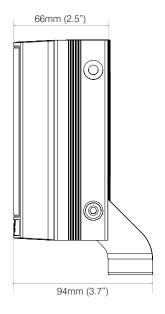
VARIO2 IP Hybrid enables users to create dynamic lighting systems, capable of controlling illuminators individually or in groups, to automatically deliver the exact amount of light where and when it is needed, improving image quality under any condition.

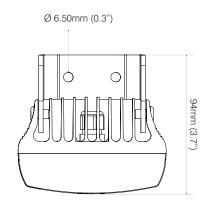
Set up is quick and easy, with Discovery software provided as standard. VARIO2 IP Hybrid also reduces visits to site, minimising transport and labour costs and saving time, whilst ensuring maximum performance from your system at all times. VARIO2 IP Hybrid features an interchangeable lens system with Hot-spot Reduction Technology to deliver highly even illumination, where it is most needed, for outstanding night-time images.

The VARIO2 IP PoE hy6-1 network illuminator delivers maximum distances up to 180m (591ft) IR & 88m (289ft) WL.

Product Dimensions







Features	Benefits
Dedicated IP Lighting with PoE	Remote control from any where on the network. Easy set-up, commissioning, operation and maintenance, minimising labour time and costs whilst maximising performance 24/7.
Two-in-one Hybrid solution	Infra-Red and White-Light in a single, fully integrated illuminator. IR for surveillance and WL for deterrent or enhanced colour picture information
Integrated Web Interface	Provides quick access screen for instant response to live events in real time as well as a host of advanced programmable settings.
Advanced User Defined Settings	Integrated web interface provides a host of user defined additional settings and diagnostics tools. Tailor your solution to meet the exact demands of your installation.
API for Platform Integration	VARIO2 IP provides a dedicated API for seamless integration into 3rd party technology platforms such as VMS, BMS and Access Control Systems.
HTTP Commands as Standard	HTTP command functionality provides even more integration possibilities. HTTP commands can be used to control VARIO2 IP illuminators from any network enabled device.
Platinum Elite twin-core SMT LED Technology	PLATINUM Elite twin-core SMT LED technology allows VARIO2 IP Hybrid to deliver all the performance of both a stand alone Infra-Red illuminator and a stand alone White-Light illuminator in a single solution.
VARIO Interchangeable lens system	Angle of illumination can be easily, quickly and precisely adjusted by changing the VARIO holographic lens insert, to match the specific camera field of view.
Hot-spot Reduction Technology (HRT)	HRT - Hot-Spot Reduction Technology delivers a highly diffused, elliptical beam shape to deliver more light where it is needed, generating both longer distances and minimizing light wastage. The HRT system also prevents overexposure of foreground objects.

5 YEAR WARRANTY

All Raytec luminaires are provided with an industry leading 5 year warranty and have an expected useful life in excess of 10 years



Technical Specifications

Illuminator

Wavelength	Infra-Red 850nm	White-Light	
Max Distance	180m (591ft)	88m (289ft)	
Total Lumens	n/a	1490lm per luminaire	
Colour Temp	n/a	6000K~	
Colour Reproduction Index	n/a	>70	
Angle	Standard pack includes 10 circular + 35 x 10 (fitted as standard) and 60 x 25 elliptical lenses Additional optional lenses: 80 x 30 and 120 x 50		
Input	PoE+ IEEE 802.3at or 24V DC		
Consumption	22W		
Data Input	Cat 5 Cable		
Beam Shape	Elliptical with HRT (Hot-spot Reduction Technology)		
Beam Angle System	VARIO Interchangeable Lens System		
LED type	PLATINUM Elite twin-core SMT LEDs		
Number of LEDs	6 x Infra-Red, 6 x White-Light		
IP rating	IP66		
Temperature Range	- 50° to +50°C (-58 to 122°F)		
Colour	Black		
Weight	950g (2.1lbs)		
Dimensions	100 x 135 x 66mm (4" x 5" x 2.5" approx.)		
Cable Length	2 x 2.5m		
Bracketry	U bracket included VUB Bracketry also available (Optional)		
Minimum System Requirements	PC running Windows 7 with IE8 and network access.		
Country of Manufacture	United Kingdom		

POWERS - The Open Lighting Standard

Specifications and distances based on the POWERS lighting standard For full POWERS data and A&E specifications please contact sales@raytecctv.com

Integrated Command and Control Technology

Hardware Features	In-built photocell for automatic on/off operation Photocell following output External telemetry input
Quick Access Software Features (provided as standard via integrated web interface)	Individual or group control (Groups up to 16 units) Individual control for Infra-Red and White-Light Power On/Off Power control: 20-100% Boost: 120% power for 10 seconds Deterrent feature with selectable patterns and speed
Advanced User Defined Software Features: (provided as standard via integrated web interface)	Timer functions Soft start turn on 3 x deterrent patterns Selectable external telemetry input:volt free or TTL Individually trigger Infra-Red and White-Light Photocell sensitivity trigger level Assign illuminator to group for collective control Administrator and user access levels Password Protection: create user and administrator passwords Assign name, group name and IP address Restore factory defaults Restart/reboot Software upgrade Standard and advanced diagnostics Supported protocols include HTTP, Local and VMS operating modes (including combinations) Ping command functionality
System Integration (Application Programming Interface)	API for integration into 3rd party platforms API for integration into network devices via HTTP commands

Product Codes

Part Codes	Description	Angles	Infra-Red Distances	White-Light Distances
VAR2-IPPOE-	VARIO2 IP PoE hy6 Network	10 x 10 °	180m (591ft)	88m (289ft)
hy6-1	Illuminator, 3 angle options	35 x 10° (fitted as standard)	108m (354ft)	52m (171ft)
included, 24V DC or PoE+	60 x 25°	63m (207ft)	28m (92ft)	
	power input, black, 850nm and	80 x 30° (optional)	45m (148ft)	20m (66ft)
	White-Light	120 x 50° (optional)	27m (89ft)	14m (46ft)

Optional Parts

VAR-i6-LENS-8030	Individual i6 VARIO lens – 80°H x 30°V
VAR-i6-LENS-12050	Individual i6 VARIO lens – 120°H x 50°V