VEGA BASIC

2MP ANPR Camera

DESCRIPTION

The Vega Basic is built in a compact case along with powerful LED and suitable for Stop & go tolling, parking, and access control system. To minimize the installation and maintenance time, Power-over-Ethernet (PoE) offers a single wire for electricity and network connection. Thanks to its impressive image enhancement, the Vega Basic can read reflective as well as non-reflective plates.

FEATURES

- >95% Accuracy of onboard ANPR
- Recognition up to 150km/h
- One-lane Coverage
- Webpage Remote Control
- Local storage up to 128GB
- Waterproof IP67
- Built-in IR illuminator



Features and Performance		
	BASIC SHORT RANGE	BASIC LONG RANGE
Lane Detected	1	
Max Vehicle Speed [km/h]	70	150
Working Distance [m]	up to 8	up to 25
Detection	99%	
Reading	>95%	
OCR ANPR engine	on board	
2nd Lever OCR	not available	
Grabbing	Up to 60 fps	
AES256	Yes	
SHA2	Yes	
Compression	JPG	

Configuration	
Web Server	Installation and configuration by Web Server on board
TCP/IP Server	Configuration and monitoring through TCP/IP protocol. (SDK provided)
Date and Hour	Synchronization via NTP protocol, IEEE1588
Software Update	Upgrading via Web Interface and SDK

Data Transmission	
FTP	FTP Client to FTP Server mode for remote data transmission; Multiple IP servers addressable
TCP/IP	Tattile TCP/IP open protocol; (SDK provided)
Wiegand	Yes
Standard protocols	XML; SNMP; NTCIP; DATEX2; UTMC; MODBUS
Serial Port	Insulated RS485

Op. Mode	
Free Run	Continuous processing with automatic plate detection
Triggered	Image capture and processing triggered by Ethernet command or digital signal

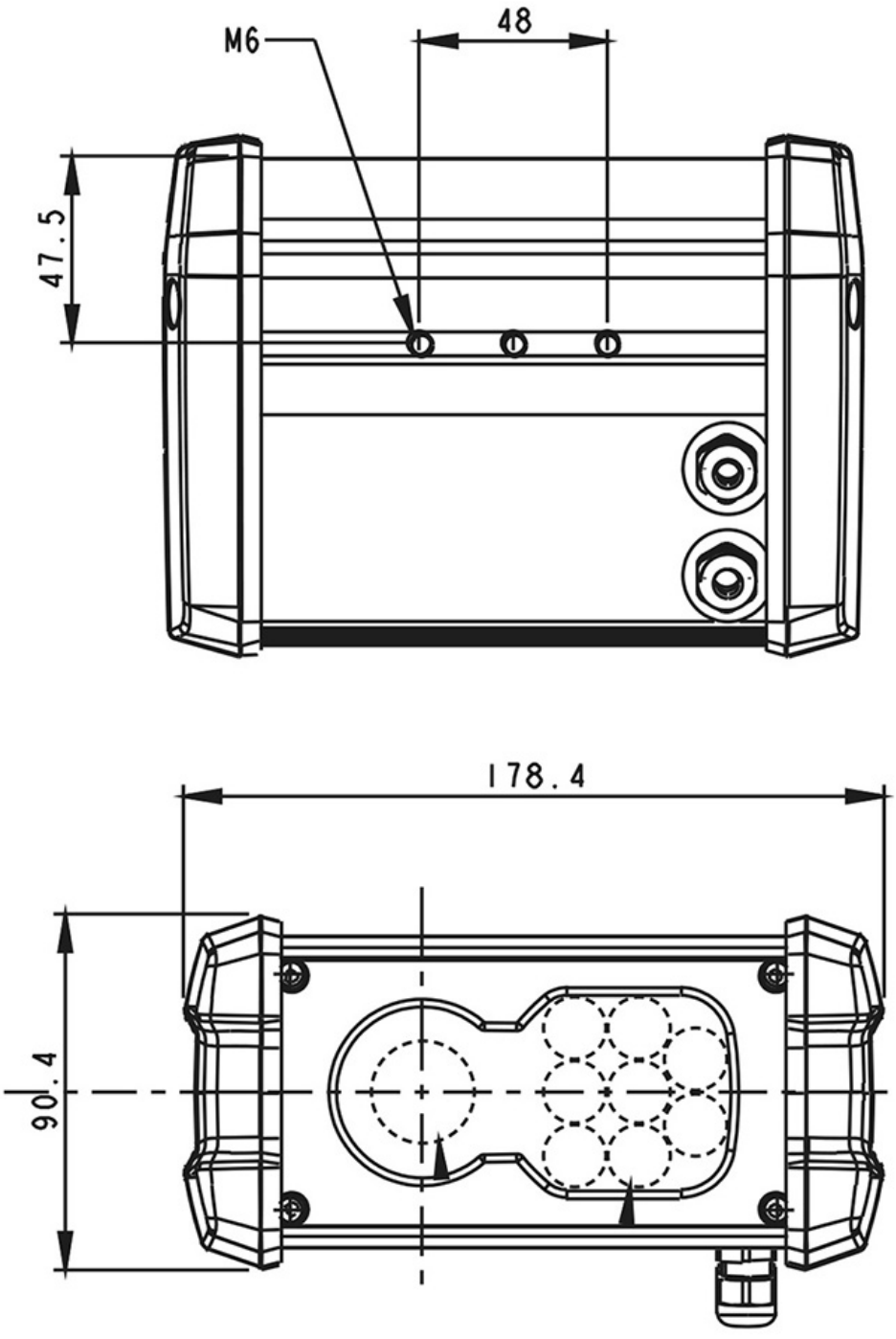
System	
ANPR camera	2 MPX BW
	2 MPx Color (Color Version)
Illuminator	8 high power LEDs, InfraRed @ 850 nm
Lenses	C-Mount. Many focal lengths available
Operating System	Linux Operating System
Digital I/O	2 Optoisolated input - 2 Relay Output 1 Strobe output
Connectors	Safe Connector
IP Protection	Waterproof IP67
Ethernet	GigaBit Ethernet 10/100/1000
Storage	uSD up to 128 GB
WiFi (Easinstall)	Yes
Vandal proof Connector	Yes

Specs

System	

Technical Datas	
Operating & Storage Temperature	From -40° to +60° C
Operating & Storage Humidity	From 10% to 90% non condensing
Dimensions	178 x 90 x 133 mm (WxHxL)
Weight [kg]	1.5
Power supply voltage	24 Vdc, PoE
Power consumption	13 W (max)

Ordering Information	
F01751	VEGA Basic Short Range L 16mm BF 5MT D4.0 Color
F01753	VEGA Basic Long Range L 25mm BF 14MT D4.0 Color
F01754	VEGA Basic Short Range L 16mm BF 5MT D4.0
F01755	VEGA Basic Long Range L 25mm BF 14MT D4.0
F01756	VEGA Basic Long Range L 35mm BF 18MT D4.1
F01836	Power Supply for Vega and Vega1 series
T19841	Pole Collar for Vega and Vega1 series
T19943	Horizontal Pole Collar for Vega and Vega1 series
T19958	MicroSD 64GB for Vega and Vega1 series instead of 8GB


M6
48
47.5
178.4
90.4