

# QC9516

<b>DVR Technology</b>	Analog HD
<b>Channels</b>	16
<b>Recording Resolution</b>	1080p / 720p / 960H / D1 / CIF
<b>Live Viewing Resolution</b>	1080p / 720p / 1280x1024, 1024x768, 800x600
<b>Live Display FPS</b>	30 FPS per Channel
<b>Hard Drive</b>	Supports 1 HDD up to 6TB
<b>Remote Monitoring</b>	128 Simultaneous Users
<b>Compatibility</b>	Mac and PC
<b>Connects With</b>	Local Cameras
<b>Monitor Connections</b>	HDMI, VGA



## DVR

Video Compression	H.264
Live Display Resolution	1080p, 720p, 1280x1024, 1024x768, 800x600
Live Display FPS	30 FPS
Display Modes	1, 4, 8, 9, 16, Auto Sequence
Languages	English, French, Spanish

## RECORDING RESOLUTION OPTIONS

1080p Resolution	1920 x 1080 pixels
720P Resolution	1280 x 720 pixels
960H Resolution	960 x 480 pixels
D1 Resolution	704 x 480 pixels

## RECORDING MODES

Recording Modes	Manual, Time Schedule, Motion Detection, Alarm
Backup Methods	PC, Flash, USB Hard Drive

## PLAYBACK ON DVR

Playback Speed	1080P at 15 FPS per channel	240 FPS total
	720P at 30 FPS per channel	480 FPS total
	960H at 30 FPS per channel	480 FPS total
	D1 at 30 FPS per channel	480 FPS total
	CIF at 30 FPS per channel	480 FPS total
Number Channels	16 Simultaneous Local Playback	

## REMOTE MONITORING

Scan 'N View	Yes
Dual Stream	CIF @ 30FPS, D1 @ 15FPS
Simultaneous Users	128 (bandwidth permitting)

## COMPATIBILITY

Application Support	QC View
Mobile Support	iPhone, iPad, Android
Computer Support	WinXP, Vista, Win7/8/10 Mac OS 10.7+

## VIDEO, AUDIO & ALARM PORTS

Video in	16 BNC
Video Out	HDMI, VGA
Alarm In	None
Alarm Out	None
Audio In	1 RCA (2-way)
	Supports audio on 16 channels
Audio Out	1 RCA

## COMMUNICATION PORTS

Network	RJ45 10/100/1000 Mbps
USB	2 USB 2.0
eSATA	None

## ACCESSORIES

Control	USB Mouse
Connectors / Cables	HDMI Cable, BNC/RCA Adapter
Mounting Hardware	Screws for Hard Drives
Other	Quick Start Guide

(QC9516 cont'd...)

**HARD DRIVES**

Maximum Size	6TB
Number Supported	1

**PTZ**

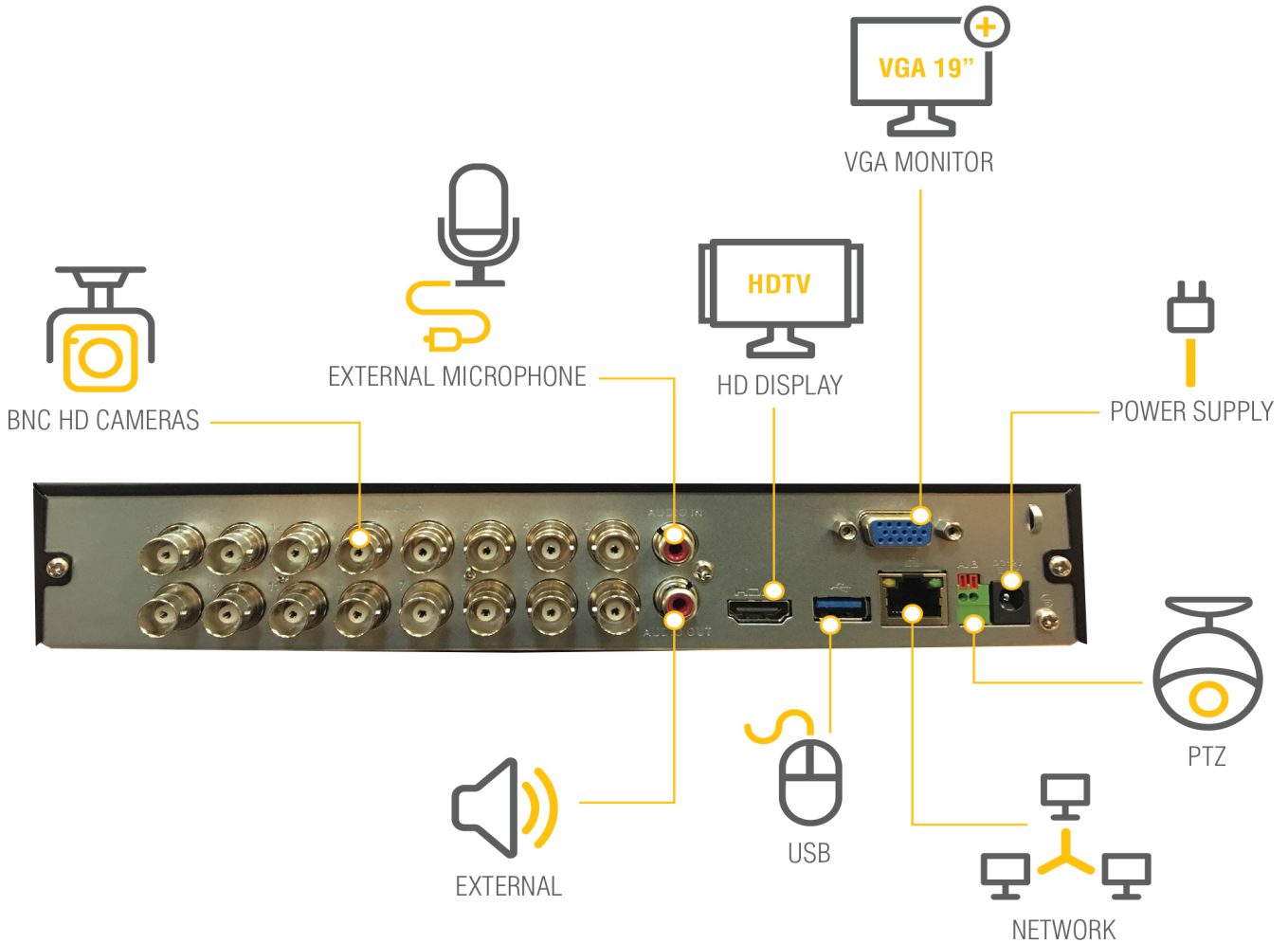
PTZ Support	RS485 (Analog), RG59 cable (Analog HD)
Supported Protocols	Pelco D, Pelco P, HD-SD

**POWER**

Power Supply	12V 2A
Power Consumption	10W (w/o HD)

**PHYSICAL**

Weight	3.3 lbs
Dimensions	12.75"W X 9.75"D X 1.75"H
Operating Temperature	14° - 131°F



# QCA8050B

<b>Camera Type</b>	Bullet
<b>Camera Technology</b>	Analog HD
<b>Image Sensor Size</b>	1/2.7"
<b>Image Sensor Type</b>	CMOS
<b>Image Resolution</b>	1080P High Definition
<b>Megapixels (digital)</b>	2
<b>Effective Pixels</b>	1930x1088
<b>Lens Size</b>	3.6mm
<b>Angle of View</b>	65 to 70
<b>IR Cut Filter</b>	Yes



## NIGHT VISION

IR LEDS	24
Infrared Wavelength	850nm
Min Lux Illumination	0.01/F1.2(color), w/AGC on, 0Lux IR on
Night Vision Range	Up to 80 ft

## ADDITIONAL IMAGE FEATURES

Auto Iris	No
On Screen Display	No
Backlight Compensation	Yes
Electronic Shutter	1/60-1/100,000s
Gain Control	Auto
Wide Dynamic Range	No
Noise Reduction	2D-DNR

## REMOTE MONITORING

Use as Standalone	No
Compatible Mobile Devices	None, depends on DVR connected to
Compatible Systems	QC AnalogHD DVRs

## PHYSICAL ATTRIBUTES

Weatherproof	Yes
IP Rating	IP66
Body Construction	Metal
Mounting Hardware	Screws
Weight	14 oz
Dimensions without bracket	2.5"w x 3.25"d x 2.5"h
Dimensions with bracket	2.5"w x 6.25"d x 2.5"h
Operating Temperature	-22° to 122° F

## PTZ

Horizontal Rotation	Not applicable
Vertical Tilt	Not applicable
Preset and Cruise Patterns	Not applicable

## AUDIO

Audio Range	Not applicable
Audio Microphone	Not applicable

## CONNECTIVITY

Connector Types	BNC
Other Connections	2.1mm power
Wireless	No

## POWER

Power Supply	12V 300mA
Power Consumption	<3.6W (LEDs ON)